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# COAL AREAS IN THE UNITED STATES

AND COAL CONSUMPTION IN  
THE <sup>U.S.</sup> DEPARTMENT OF THE  
INTERIOR, AS REPORTED  
TO CONGRESS BY THE

SECRETARY OF THE INTERIOR

1907

(Being S. Doc. 194, in 2 pts., 59th Cong., 2d Sess.)

WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1907





COAL FOR THE INTERIOR DEPARTMENT.

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LETTER

FROM

THE SECRETARY OF THE INTERIOR,

TRANSMITTING,

IN RESPONSE TO A RESOLUTION OF JUNE 29, 1906, A STATEMENT RELATIVE TO THE QUANTITIES AND CHARACTER OF COAL PURCHASED DURING THE LAST FISCAL YEAR FOR THE USE OF THE INTERIOR DEPARTMENT, ETC., WITH ACCOMPANYING MAPS, ETC., WITH REFERENCE TO AREAS OF COAL LAND NOW OWNED BY THE UNITED STATES, WITH THEIR LOCALITIES.

JANUARY 7, 1907.—Ordered to be printed, with maps.

DEPARTMENT OF THE INTERIOR,  
*Washington, January 4, 1907.*

The PRESIDENT OF THE SENATE.

SIR: I am in receipt of Senate resolution of June 29, 1906, reading as follows:

*Resolved,* That the Secretary of State, the Secretary of the Treasury, the Secretary of War, the Attorney-General, the Postmaster-General, the Secretary of the Navy, the Secretary of the Interior, the Secretary of Agriculture, and the Secretary of Commerce and Labor be, and they are hereby, directed to inform the Senate:

First. What quantities and character of coal were purchased during the last fiscal year for the use of their Departments or any bureau or branch thereof, and what quantities have been contracted for the ensuing fiscal year or will be needed, stating in all cases who were or are the contracting parties, prices paid or to be paid, and giving in full forms and conditions of contracts.

Second. The Secretary of the Interior is directed to inform the Senate what areas of coal lands are now owned by the United States, with their localities.

In response to the first paragraph of the resolution I have the honor to submit the following statements as to the quantity and character of coal purchased for the use of this Department and institutions thereunder in Washington, D. C., during the last fiscal year, etc., and also copies of contracts embodying the specifications therefor for furnish-

ing such coal during the fiscal year ended June 30, 1906, and for the current fiscal year, to wit:

## DEPARTMENT OF THE INTERIOR.

*Quantities and character of coal purchased during the last fiscal year (1906).*

Contractor.	Quantity.	Character.	Price.	Amount.
	<i>Tons.</i>			
W. H. Marlow, Washington, D. C.....	4,666	Anthracite white ash buckwheat.	\$3.14	\$14,651.24
J. Maury Dove Co., Washington, D. C.	a 175	.....do .....	3.23	565.25
W. H. Marlow, Washington, D. C.....	a 131	Anthracite white ash pea .....	3.89	509.59
J. Maury Dove Co., Washington, D. C.	a 25	.....do .....	3.98	99.50
The Allegheny Co., Washington, D. C.	1,745	Anthracite white ash furnace....	5.28	9,213.60
Total.....	6,742	.....		25,039.18

<sup>a</sup> The three items of 175 tons of white ash buckwheat coal, bought of J. Maury Dove Co., at \$3.25 per ton; of 131 tons of white ash pea coal, bought of W. H. Marlow, at \$3.89 per ton, and 25 tons of white ash pea coal at \$3.98 per ton, bought of J. Maury Dove Co., were bought in open market in pursuance of a reservation contained in the paragraph, "Quantity and quality of articles," in which a bidder was required to furnish a sample of not less than 25 tons for practical test under boilers.

*Quantities and character of coal contracted for during the current fiscal year (1907).*

Contractor.	Estimated quantity.	Character.	Price.	Estimated amount.
	<i>Tons.</i>			
V. Baldwin Johnson, Washington, D. C.	5,000	Anthracite, white ash, buckwheat.	\$3.02	\$15,100.00
Do.....	2,150	Anthracite, white ash, furnace ..	5.44	11,696.00
Total.....	7,150	.....		26,796.00

## FREEDMEN'S HOSPITAL.

*Quantities and character of coal purchased during the last fiscal year (1906).*

Contractor.	Quantity.	Character.	Price.	Amount.
	<i>Tons.</i>			
J. Edward Chapman, Washington, D. C.	280	Anthracite, white ash, egg .....	\$6.50	\$1,820.00
Do.....	100	Anthracite, white ash, furnace...	6.20	620.00
J. Maury Dove Co., Washington, D. C..	a 150	Bituminous, Cumberland .....	3.30	496.47
Do.....	75	.....do .....	3.55	266.25
Total.....	a 605	.....		3,202.72

<sup>a</sup> And 1,000 pounds.

*Quantities and character of coal contracted for during the current fiscal year (1907).*

Contractor.	Estimated quantity.	Character.	Price.	Estimated amount.
	<i>Tons.</i>			
W. W. Griffith, Washington, D. C.	100	Anthracite, white ash, furnace ..	\$5.68	\$568.00
Do .....	300	Anthracite, white ash, egg .....	6.03	1,809.00
Do .....	10	Anthracite, white ash, chestnut..	6.50	65.00
Merchants' Coal Co., Washington, D. C.	300	Bituminous, Cumberland.....	3.70	1,110.00
Total.....	710	.....		3,552.00

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HOWARD UNIVERSITY.

*Quantities and character of coal purchased during the last fiscal year (1906).*

Contractor.	Quantity.	Character.	Price.	Amount.
	<i>Tons.</i>			
C. H. Burgess Sons Co., Washington, D. C.	368	Anthracite, white ash furnace...	\$5.85	\$2,152.80
Do .....	1	Anthracite, white ash stove.....	6.45	6.45
Do .....	9	Anthracite, white ash nut.....	6.45	58.05
J. Edward Chapman, Washington, D. C.	80.80	Bituminous, Georges Creek soft...	3.65	294.92
Total.....	458.80	.....	.....	2,512.22

*Quantities and character of coal contracted for during the current fiscal year (1907).*

Contractor.	Estimated quantity.	Character.	Price.	Estimated amount.
	<i>Tons.</i>			
C. H. Burgess Sons Co., Washington, D. C.	500	Anthracite, white ash furnace...	\$6.00	\$3,000.00
Do .....	100	Anthracite, white ash egg.....	6.35	635.00
Do .....	100	Anthracite, white ash nut.....	6.65	665.00
Do .....	50	Anthracite, white ash stove.....	6.65	332.50
Merchants Coal Co., Washington, D. C.	200	Bituminous, Orenda soft.....	3.65	730.00
Total.....	950	.....	.....	5,362.50

GOVERNMENT HOSPITAL FOR THE INSANE.

*Quantities and character of coal purchased during the last fiscal year (1906).*

Contractor.	Quantity.	Character.	Price.	Amount.
	<i>Tons.</i>			
J. Maury Dove Co., Washington, D. C.	1,024 $\frac{3}{4}$	Anthracite, white ash stove.....	\$6.00	\$6,147.60
Maryland Coal and Coke Co., Baltimore, Md.	20,302 $\frac{5}{8}$	Bituminous, Big Vein Cumberland.	2.75	55,831.57
Total.....	21,326 $\frac{1}{2}$	.....	.....	\$61,979.17

In addition to the above amount of bituminous coal purchased during the fiscal year of 1906, 598 $\frac{1}{2}$  tons at \$3.60 per ton, amounting to \$2,154.54, were purchased from the Consolidation Coal Co., Washington, D. C., and 11 $\frac{1}{2}$  tons at \$4.50 per ton, amounting to \$52.20, were purchased from S. M. Frazier, of Anacostia, D. C., owing to the failure of the contractor to deliver a sufficient quantity of coal to supply the needs of the hospital; in each case the excess of the cost of such coal over the contract price was charged to the contractor, and the amount of such excess deducted from the sums due the Maryland Coal and Coke Co., for coal already furnished.

*Quantities and character of coal contracted for during the current fiscal year (1907).*

Contractor.	Estimated quantity.	Character.	Price.	Estimated amount.
	<i>Tons.</i>			
Johnson Bros., Washington, D. C.	1,000	Anthracite, white ash stove.....	\$5.82	\$5,820.00
National Coal Co., Baltimore, Md.	18,000	Bituminous, Georges Creek soft..	2.93	52,740.00
Total.....	19,000	.....	.....	58,560.00

In response to the second paragraph of the resolution, requesting to be informed what areas of coal lands are now owned by the United States, etc., I transmit herewith a copy of a letter from the Director of the Geological Survey, dated December 20, 1906, accompanied by lists (a) of townships and parts of townships known to contain workable coal beds and (b) lists of townships and parts of townships probably containing workable coal beds in the States of Colorado, Idaho, New Mexico, Montana, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming, together with maps of such States and Territories showing the townships and parts of townships named in such lists, and also maps of the District of Alaska indicating the distribution of areas known to contain workable coal beds and areas known to contain coal-bearing rocks which may or may not contain workable coal beds.

Immediately upon receipt of this communication and the accompanying inclosures from the Director of the Geological Survey, the same was referred to the Commissioner of the General Land Office for report as to whether it would be practicable from the records of his Office to furnish information as to the title of the United States to the lands embraced in the above-mentioned lists, and, if so, how long a period would be required in order to supply such information.

The Commissioner of the General Land Office, in response to such reference, reported, under date of December 28, 1906, as follows:

The lists referred to embrace more than 100,000,000 acres of land in different States reported by the Geological Survey as containing or probably containing coal. As to the practicability of furnishing a description of those tracts in the area embraced in the lists, titles to which have passed out of the United States, or are embraced in existing claims, I have to state that with the present force of the Office it would not be practicable to furnish the information without a great neglect of the other work of the Office. I have estimated that it would require twenty clerks at least four months to do the work.

I may state, however, that from an examination made of the tract books in connection with the withdrawal of lands from entry reported to contain workable coal, which embraces a large portion of the lands described in the lists transmitted by you, it was found that something over 60 per cent of the lands were undisposed of. It would therefore appear that of the tracts described in these lists there are probably a little over 60,000,000 acres of unappropriated land.

In this connection it is proper to add that the delay incident to the preparation of the report was owing to the necessity of awaiting the return from the field of geologic parties who were especially engaged in securing accurate information concerning the coal lands in the States and Territories above named.

As considerable time has already been consumed in collecting and assembling the accompanying data relative to coal-land areas, it is not deemed advisable to further delay the submission of this report for the purpose of ascertaining, from the records of the General Land Office, the title of the United States to the lands in question. The work of securing this information, however, will be undertaken at once, and furnished the Senate at the earliest practicable date.

Very respectfully,

E. A. HITCHCOCK, *Secretary.*

GEOLOGICAL SURVEY, *December 20, 1906.*

To honorable the SECRETARY OF THE INTERIOR.

SIR: In accordance with the instructions contained in the indorsement on copy of Senate resolution of June 29, 1906, transmitted July 24, 1906, I have the honor to forward the following information:

For the State and Territories:

Lists in duplicate (a) of townships and parts of townships known to contain workable coal beds, and (b) lists of townships and parts of townships probably containing workable coal beds in the States of Colorado (A), Idaho (B), New Mexico (C), Montana (D), North Dakota (E), Oregon (F), South Dakota (G), Utah (H), Washington (I), and Wyoming (J); also maps of the above-named States and Territories on which are shown the townships and parts of townships named in the above lists.

In preparing these lists Mr. Campbell, in charge of fuel investigations, has made use of all the information contained in the records of the Geological Survey, together with such other information from a variety of sources as was considered reliable.

For the District of Alaska:

Maps showing the distribution of areas known to contain workable coal beds, and (b) areas known to contain coal-bearing rocks, which may or may not contain workable coal beds, as follows:

K. General map of Alaska.

1. Map of Cape Lisburne region.
2. Map of the northeastern part of Seward Peninsula.
3. Map of the Colville River region.
4. Map of the region from Cook Inlet to the Tanana River.
5. Map of the Matanuska River region.
6. Map of the Kachsmak Bay region.
7. Map of the Controller Bay region.

These maps, prepared by Mr. A. H. Brooks, in charge of surveys in Alaska, are based wholly upon the work of the Geological Survey.

Very respectfully,

CHAS. D. WALCOTT, *Director.*

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COLORADO.

List of townships containing workable coal beds:

- Colorado base line and principal meridian.*—T. 9 N., Rs. 86 W.  $\frac{1}{2}$ , 87, 88, 89, 90 W.  
 T. 8 N., Rs. 86 W.  $\frac{1}{2}$ , 87, 88, 89, 90, 91, 92, 93, 94 W.  
 T. 7 N., Rs. 80 SE.  $\frac{1}{4}$ , 86 W.  $\frac{1}{2}$ , 87, 88, 89, 90, 91, 92, 93 W.  
 T. 6 N., Rs. 86, 87, 88, 89, 90, 91, 92, 93 W.  
 T. 5 N., Rs. 65, 85 W.  $\frac{1}{2}$ , 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97 W.  
 T. 4 N., Rs. 85 W.  $\frac{1}{2}$ , 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98.  
 T. 3 N., Rs. 85 W.  $\frac{1}{2}$ , 86, 88, 89, 90, 92, 93, 94, 95, 98.  
 T. 2 N., Rs. 68, 69 SE.  $\frac{1}{2}$ , 92 W.  $\frac{1}{2}$ , 93, 94.  
 T. 1 N., Rs. 68, 69, 70 SE.  $\frac{1}{4}$ , 92 NW.  $\frac{1}{4}$ , 93 N.  $\frac{1}{2}$ , 94.  
 T. 1 S., Rs. 69, 70, 94.  
 T. 2 S., R. 94.  
 T. 3 S., Rs. 65, 70, 94.  
 T. 4 S., Rs. 93 SW.  $\frac{1}{4}$ , 94.  
 T. 5 S., Rs. 91 SW.  $\frac{1}{2}$ , 92, 93.  
 T. 6 S., Rs. 89 SW.  $\frac{1}{4}$ , 90, 91, 102, 103, 104 W.  
 T. 7 S., Rs. 89, 101, 102, 103, 104.  
 T. 8 S., Rs. 76, 89, 99, 100, 101, 104 N.  $\frac{1}{2}$ .  
 T. 9 S., Rs. 89, 99, 100.

- T. 10 S., Rs. 89, 97, 98, 99, 100.  
 T. 11 S., Rs. 87, 88, 97, 98, 99.  
 T. 13 S., Rs. 66, 85 W.  $\frac{1}{2}$ , 86, 87.  
 T. 14 S., Rs. 64, 85 W.  $\frac{1}{2}$ , 86, 87.  
 T. 15 S., Rs. 86, 87.  
 T. 19 S., Rs., 69, 70.  
 T. 27 S., R. 67.  
 T. 28 S., Rs. 66 SW.  $\frac{1}{4}$ , 67.  
 T. 29 S., Rs. 65 SW.  $\frac{1}{4}$ , 66, 68.  
 T. 30 S., Rs. 65, 66.  
 T. 31 S., Rs. 64 SW.  $\frac{1}{4}$ , 65, 66.  
 T. 32 S., Rs. 63 S.  $\frac{1}{2}$ , 64, 65, 66, 67, 68.  
 T. 33 S., Rs. 63, 64, 65, 66, 67, 68.  
 T. 34 S., Rs. 62, 63, 64, 65, 66, 67, 68.  
 T. 35 S., Rs. 61, 62, 63, 64, 65, 66, 67, 68 N.  $\frac{1}{2}$  of each.  
*New Mexico principal base and meridian.*—T. 35 N., Rs. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 W.  
 T. 34  $\frac{1}{2}$  N., Rs. 5, 6, 9, 10, 11, 12, 13, 14, 15, 16 W.  
 T. 34 N., Rs. 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 17 W.  
 T. 33 N., Rs. 1, 2, 3, 4, 11, 12, 13, 14, 15, 16, 17 W.  
 T. 32 N., Rs. 1, 2, 12, 13 NW.  $\frac{1}{4}$ , 14 N.  $\frac{1}{2}$ , 15 N.  $\frac{1}{2}$ , 16 N.  $\frac{1}{2}$ , 17 NE.  $\frac{1}{4}$  W.  
*Ute survey.*—T. 1 N., R. 1 NE.  $\frac{1}{2}$  E.  
 T. 1 S., R. 2 E.  
 List of townships probably containing workable coal:  
*Colorado base line and principal meridian.*—T. 12 N., Rs. 86 W.  $\frac{1}{2}$ , 87, 88, south half of each.  
 T. 11 N., Rs. 66, 67, 68, 86 W.  $\frac{1}{2}$ , 87, 88.  
 T. 10 N., Rs. 64 S.  $\frac{1}{2}$ , 65, 66, 67, 68 E.  $\frac{1}{2}$ , 86 W.  $\frac{1}{2}$ , 87, 88.  
 T. 9 N., Rs. 62, 63, 64, 65, 66, 67.  
 T. 8 N., Rs. 62, 63, 64, 65, 66, 67, 95.  
 T. 7 N., Rs. 62, 63, 64, 65, 66, 67, S.  $\frac{1}{2}$ , 77 SW.  $\frac{1}{4}$ , 78, 79, 95, 96.  
 T. 6 N., Rs. 62, 63, 64, 65, 66 N.  $\frac{1}{2}$ , 77, 78, 79, 97, 98, 99.  
 T. 5 N., Rs. 62, 63, 64, 66, 67, 77, 78, 79.  
 T. 4 N., Rs. 63, 64, 65, 66, 67, 77, 78, 79.  
 T. 3 N., Rs. 64, 65, 66, 67, 68, 77, 78, 79, 81, 99, 100 S.  $\frac{1}{2}$ , 101, 102, 103, 104.  
 T. 2 N., Rs. 65, 66, 67, 77, 78, 80, 86, 87, 99 N.  $\frac{1}{2}$ , 100, 101, 102, 103.  
 T. 1 N., Rs. 65, 66, 67, 101, 102.  
 T. 1 S., Rs. 65, 66, 67, 68, 79, 80 E.  $\frac{1}{2}$ .  
 T. 2 S., Rs. 65, 66, 67, 68, 69, 70.  
 T. 3 S., Rs. 64, 66, 67, 68, 69.  
 T. 4 S., Rs. 64, 65, 66, 67, 68, 69.  
 T. 5 S., Rs. 64, 65, 66, 67, 68, 69.  
 T. 6 S., Rs. 64, 65, 66, 67, 68, 69 E.  $\frac{1}{2}$ .  
 T. 7 S., Rs. 64, 65, 66, 67, 68, 75, 76, 88 SW.  $\frac{1}{4}$ , 90 NE.  $\frac{1}{2}$ .  
 T. 8 S., Rs. 63, 64, 65, 66, 67, 68, 75, 88 W.  $\frac{1}{2}$ .  
 T. 9 S., Rs. 63, 64, 65, 66, 67, 75, 76, 88 W.  $\frac{1}{2}$ .  
 T. 10 S., Rs. 63, 64, 65, 66, 67, 75, 76, 87 SW.  $\frac{1}{4}$ , 88.  
 T. 11 S., Rs. 63, 64, 65, 66, 67 E.  $\frac{1}{2}$ , 89.  
 T. 12 S., Rs. 63, 64, 65, 66, 67 E.  $\frac{1}{2}$ , 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98.  
 T. 13 S., Rs. 63, 64, 65, 67 NE.  $\frac{1}{4}$ , 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98 N.  $\frac{1}{2}$ .  
 T. 14 S., Rs. 63, 65, 88, 89, 90, 91, 92, 93, 94, 95 N.  $\frac{1}{2}$ , 96 N.  $\frac{1}{2}$ .  
 T. 15 S., Rs. 85, 88, 89, 90, 91.  
 T. 20 S., Rs. 69, 70 NE.  $\frac{1}{4}$ .  
 T. 27 S., R. 68.  
 T. 28 S., R. 68.  
 T. 29 S., R. 67.  
 T. 33 S., R. 62 S.  $\frac{1}{2}$ .  
 T. 34 S., Rs. 60, 61.  
 T. 35 S., Rs. 58, 59, 60, north half of each.  
*New Mexico principal base and meridian.*—T. 32 N., Rs. 3, 4, 5, 6, 7, 8, 9, 10, 11 W., north half of each.  
 T. 33 N., Rs. 5, 6, 7, 8, 9, 10 W.  
 T. 34 N., Rs. 6, 7, 8 W.  
 T. 34  $\frac{1}{2}$  N., Rs. 7, 8 W.

## IDAHO.

List of townships and parts of townships that are known to contain workable coal:

T. 1 N., Rs. 43 N. E.  $\frac{1}{4}$ , 44 E.

T. 2 N., Rs. 40, 43 E.

T. 4 N., R. 44 E.

T. 5 N., Rs. 43, 44 E.

List of townships and parts of townships that probably contain workable coal:

T. 6 N., Rs. 43, 44 E.

T. 4 N., Rs. 44 E.

T. 3 N., Rs. 43, 44, 45, fract. 46 E.

T. 2 N., Rs. 41, 42, 44, 45, fract. 46 E.

T. 1 N., Rs. 40, 41, 42, 43 S.  $\frac{1}{2}$  and N. W.  $\frac{1}{4}$ , 45, fract. of 46 E.

T. 1 S., Rs. 39 S. E.  $\frac{1}{4}$ , 40 S.  $\frac{1}{2}$ , 41, 42, 43, 44, 45.

T. 2 S., Rs. 39 N. E.  $\frac{1}{4}$ , 40 N.  $\frac{1}{2}$ , 41 E.  $\frac{1}{2}$ , 42, 43, 44, 45.

T. 3 S., Rs. 42 N. E.  $\frac{1}{4}$ , 43 N.  $\frac{1}{2}$  and S. E.  $\frac{1}{4}$ , 44, 45.

T. 4 S., Rs. 43 E.  $\frac{1}{2}$ , 44, 45, fract. of 46 E.

T. 5 S., Rs. 43 N. E.  $\frac{1}{4}$ , 44 N.  $\frac{1}{2}$ , 45, fract. of 46 E.

T. 6 S., Rs. 45, fract. of 46 E.

T. 7 S., Rs. 45, fract. 46 E.

T. 8 S., Rs. 45 E.  $\frac{1}{2}$ , fract. 46 E.

T. 9 S., Rs. 45 E.  $\frac{1}{2}$ , fract. 46 E.

T. 10 S., fract. of 46 E.

## MONTANA.

List of townships containing workable coal:

T. 33 N., Rs. 19, 15 E.

T. 32 N., Rs. 15 E. and 17, 20 W.

T. 28 N., Rs. 57, 56, 55.

T. 27 N., R. 17 W.

T. 23 N., Rs. 60, 59 E.

T. 22 N., R. 16 E.

T. 21 N., R. 59 E.

T. 20 N., R. 59 E.

T. 19 N., Rs. 59, 7, 6, 5, 4 E.

T. 18 N., Rs. 58, 38, 7, 6, 5, 4, 3, 2 E.

T. 17 N., Rs. 56, 55, 18, 9, 8, 4, 3, 2 E. and 4 W.

T. 16 N., Rs. 20, 13, 12, 11, 9, 3, 2 E.

T. 15 N., Rs. 59, 57, 40, 18, 13, 12, 11 E.

T. 14 N., Rs. 58, 54 E.

T. 13 N., Rs. 53, 52, 47 E.

T. 12 N., Rs. 52, 45 E.

T. 11 N., Rs. 59, 50, 45 E. and 12, 13 W.

T. 10 N., Rs. 50, 49, 48, 47, 46 E. and 12, 13 W.

T. 9 N., Rs. 47, 46 E. and 12, 13 W.

T. 8 N., Rs. 48, 47 E.

T. 7 N., Rs. 61, 49, 48 E.

T. 5 N., R. 8 E.

T. 2 N., Rs. 62, 61, 60, 58 E.

T. 2 S., Rs. 11, 10, 9, 8, 7 E.

T. 4 S., R. 22 E.

T. 5 S., Rs. 23, 22 E.

T. 6 S., Rs. 23, 22 E.

T. 7 S., Rs. 23, 21, 20, 19 E.

T. 8 S., Rs. 23, 21, 20 E.

T. 9 S., Rs. 23, 8, 7, E. and 3, 4 W.

List of townships probably containing coal:

T. 37 N., Rs. 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6 E. and 21, 22 W.

T. 36 N., Rs. 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6 E. and 21, 22 W.

T. 35 N., Rs. 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6 E. and 20, 21 W.

T. 34 N., Rs. 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7 E. and 20, 21 W.

T. 33 N., Rs. 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 39, 22, 21, 20, 18, 17, 16, 14, 13, 12, 11, 10, 9, 8 E. and 20 W.

T. 32 N., Rs. 59, 58, 57, 56, 40, 39, 23, 22, 21, 20, 19, 18, 17, 16, 14, 13, 12, 11, 10, 9, 8 E. and 18 W.

T. 31 N., Rs. 59, 58, 57, 56, 55, 40, 39, 22, 21, 20, 19, 18, 17, 14, 13, 12, 11, 10, 9 E. and 17, 18 W.

T. 30 N., Rs. 59, 58, 57, 56, 55, 54, 41, 40, 22, 21, 20, 14, 13, 12, 11, 10 E. and 19 W.

T. 29 N., Rs. 59, 58, 57, 56, 55, 54, 41, 40, 22, 21, 20, 14, 13, 12, 11, 10 E. and 18, 19 W.

T. 28 N., Rs. 59, 58, 41, 40, 22, 21, 20, 14, 13, 12, 11 E. and 17, 18 W.

T. 27 N., Rs. 59, 58, 57, 56, 55, 54, 53, 41, 40, 22, 21, 20, 14, 13, 12, 11 E.

T. 26 N., Rs. 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 22, 21, 20, 19, 15, 14, 13, 12, 11 E.

T. 25 N., Rs. 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11 E.

T. 24 N., Rs. 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12 E.

T. 23 N., Rs. 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13 E.

T. 22 N., Rs. 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 25, 24, 23, 22, 21, 20, 19, 18, 17, 15, 14 E.

T. 21 N., Rs. 60, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 25, 24, 23, 22, 21, 20, 19, 18, 17 E.

T. 20 N., Rs. 60, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 25, 24, 23, 22, 21, 20, 19 E.

T. 19 N., Rs. 60, 59, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 25, 24, 23, 22, 21, 20 E. and 5 and 6 W.

T. 18 N., Rs. 60, 59, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 22, 21, 20, 19, 10, 9, 8 E.

T. 17 N., Rs. 60, 59, 58, 57, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 22, 21, 20, 19, 17, 12, 11, 10 E.

T. 16 N., Rs. 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 22, 21, 19, 18, 14, 10 E.

T. 15 N., Rs. 60, 58, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 39, 38, 21, 20, 19, 17, 14 E.

T. 14 N., Rs. 60, 59, 57, 56, 55, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 21, 20, 19, 15, 14, 13 E. and 18 W.

T. 13 N., Rs. 60, 59, 58, 57, 56, 55, 54, 51, 50, 49, 48, 46, 45, 44, 43, 42, 41, 40, 39, 38, 15, 14, 13 E. and 18, 19 W.

T. 12 N., Rs. 61, 60, 59, 58, 57, 56, 55, 54, 53, 51, 50, 49, 48, 47, 46, 44, 43, 42, 41, 40, 39, 38, 15, 14 E. and 18, 19 W.

T. 11 N., Rs. 61, 60, 58, 57, 56, 55, 54, 53, 52, 51, 49, 48, 47, 46, 44, 43, 42, 41, 40, 39, 38, 15, 14 E. and 18, 19 W.

T. 10 N., Rs. 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 45, 44, 43, 42, 41, 40, 39, 38, 15, 14, 13, 12, 11, 10 E. and 8 W.

T. 9 N., Rs. 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 45, 44, 43, 42, 41, 40, 39, 38, 29, 28, 13, 12, 11, 10 E. and 8 W.

T. 8 N., Rs. 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 46, 45, 44, 43, 42, 41, 40, 39, 30, 29, 28, 27, 26, 25, 12, 11, 10, 9 E. and 12, 17, 18 W.

T. 7 N., Rs. 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 47, 46, 45, 44, 43, 42, 41, 40, 39, 30, 29, 28, 27, 26, 25, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8 E. and 12, 13, 17, 18 W.

T. 6 N., Rs. 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 29, 28, 27, 26, 25, 24, 20, 19, 18, 17, 16, 15, 14, 13, 12, 9, 8 E.

T. 5 N., Rs. 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 28, 27, 26, 25, 24, 21, 20, 19, 18, 17, 16, 7, 5, 4 E.

T. 4 N., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 25, 24, 22, 21, 20, 19, 9, 8, 7, 6, 5, 4 E.

T. 3 N., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 23, 22, 21, 20, 8, 7, 6, 5, 4 E. and 19, 20 W.

T. 2 N., Rs. 59, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 23, 22, 21, 7, 6, 4, 3 E.

T. 1 N., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 23, 22, 21, 8, 7 E. and 1, 2 W.

T. 1 S., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 23, 22, 13, 12, 11, 10, 6 E. and 2, 16, 17 W.

T. 2 S., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 23, 22, 13, 12 E. and 16 and 17 W.

T. 3 S., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 23, 22, 11, 10, 9, 8, 7 E.

T. 4 S., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 23, 4, 3, 2 E.



- T. 5 S., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 21, 20, 19, 18, 17, 3, 2 E.  
 T. 6 S., Rs. 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 21, 20, 19, 18, 17, 4, 3, 2 E. and 11, 12 W.  
 T. 7 S., Rs. 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 4, 3 E. and 11, 12 W.  
 T. 8 S., Rs. 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 24, 22, 5, 4, 3 E.  
 T. 9 S., Rs. 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 24, 22, 21, 20, 9, 4 E.  
 T. 10 S., R. 4 E.

## NEW MEXICO.

List of townships containing workable coal beds:

- New Mexico base line and principal meridian.*—T. 32 N., Rs. 25, 24, 23, 22, 21, 20, 19, 18, 1 E.—1, 2, 12, 13, 14, 15, 16 W., all fractional.  
 T. 31 N., Rs. 26, 25, 23, 22, 21, 20, 19, 18, and fractional 1 E.—1, 13, 14, 15 W.  
 T. 30 N., Rs. 22, 21, 20, 19, 18, and fractional 1 E.—14, 15, 16 W.  
 T. 29 N., Rs. 21, 20, 19, 18, and fractional 1 E.  
 T. 28 N., Rs. 19 and fractional 1 E.—14, 15, 16 W.  
 T. 27 N., Rs. fractional 1 E.—14, 15, 16 W.  
 T. 26 N., Rs. 1 E.—14, 15, 16 W.  
 T. 25 N., Rs. 1 E.—1, 14, 15, 16 W.  
 T. 24 N., Rs. 1 E.—1, 13, 14, 15, 16 W.  
 T. 23 N., Rs. 1, 12, 13, 14, 15, 16 W.  
 T. 22 N., Rs. 10, 11, 12, 13, 14, 15, 16 W.  
 T. 21 N., Rs. 9, 10, 11, 12, 13, 14, 15, 16 W.  
 T. 20 N., Rs. 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 W.  
 T. 19 N., Rs. 1, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 W.  
 T. 18 N., Rs. 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, and fractional 16, 17, 18, 19, 20 W.  
 T. 17 N., Rs. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 W.  
 T. 16 N., Rs. 12 E.—4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 W.  
 T. 15 N., Rs. 9, 10, 11, 12, 13, 17, 18, 19, 20, 21 W.  
 T. 14 N., Rs. 8, 9 E.—9, 17, 18, 19, 20 W.  
 T. 13 N., Rs. 9, 6 E.—17, 18, 19, 20 W.  
 T. 12 N., Rs. 16, 17, 18, 19 W.  
 T. 11 N., Rs. 16, 17, 18 W.  
 T. 10 N., Rs. 16, 17 W.  
 T. 9 N., Rs. 15, 16, 17 W.  
 T. 8 N., Rs. 15, 16, 17 W.  
 T. 7 N., Rs. 16, 17 W.  
 T. 5 N., Rs. 16, 17, 18, 19, 20 W.  
 T. 4 N., Rs. 16, 17, 18 W.  
 T. 3 S., Rs. 2 E.  
 T. 8 S., Rs. 14 E.  
 T. 9 S., Rs. 14 E.  
*Narajo base line and principal meridian.*—T. 1 N., Rs. 1, 2, 3, 4 W.  
 T. 2 N., Rs. 1, 2, 3, 4 W.  
 T. 3 N., Rs. 1, 2, 3, 4 W.  
 T. 4 N., Rs. 1, 2, 3, 4 W.  
 T. 5 N., Rs. 1, 2, 3 W.  
 T. 6 N., Rs. 1, 2, 3 W.  
 T. 7 N., Rs. 1, 2 W.  
 T. 8 N., Rs. 1 W.  
 T. 9 N., Rs. 1 W.  
 T. 10 N., Rs. 1 W.

## NEW MEXICO.

List of townships probably containing coal beds:

- New Mexico base line and principal meridian.*—T. 32 N., Rs. 28, 27, 26 E.—3, 4, 5, 6, 7, 8, 9, 10, 11 W., all fractional.  
 T. 31 N., Rs. 28, 27, 24 E.—2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 W.  
 T. 30 N., Rs. 23 E.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 W.  
 T. 29 N., Rs. 23, 22 E.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 W.  
 T. 28 N., Rs. 22, 21, 20, 18 E.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 W.  
 T. 27 N., Rs. 21, 20, 19, 18 E.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 W.  
 T. 26 N., Rs. 20, 19, 18 E.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 W.  
 T. 25 N., Rs. 21, 20, 19 E.—2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 W.

- T. 24 N., Rs. 21, 20, 19 E.—2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 W.  
 T. 23 N., Rs. 21, 20, 19 E.—2, 3, 4, 5, 6, 7, 8, 9, 10, 11 W.  
 T. 22 N., Rs. 21, 20 E.—1, 2, 3, 4, 5, 6, 7, 8, 9 W.  
 T. 21 N., Rs. 1, 2, 3, 4, 5, 6, 7, 8 W.  
 T. 20 N., Rs. 1, 2, 3, 4, 5, 6 W.  
 T. 19 N., Rs. 2, 3, 4, 5 W.  
 T. 18 N., Rs. 12 E., and 3 and 4 W.  
 T. 17 N., R. 10 E.  
 T. 16 N., R. 8 W.  
 T. 15 N., Rs. 4, 5, 6, 7, 8, 14, 17 W.  
 T. 14 N., Rs. 4, 5, 6, 7, 8, 10, 11, 12, 13, 17 W.  
 T. 13 N., Rs. 8, 7, 5 E.  $\frac{1}{2}$  E.  
 T. 12 N., R. 6 N.  $\frac{1}{2}$  E.  
 T. 8 N., R. 20 W.  
 T. 7 N., Rs. 19, 20 W.  
 T. 6 N., Rs. 16, 17, 18, 19, 20 W.  
 T. 3 N., Rs. 3 W., and 16 and 17 W.  
 T. 2 N., R. 3 W.  
 T. 2 S., R. 3 E.  
 T. 3 S., R. 3 E.  
 T. 4 S., Rs. 3, 2 E.  
 T. 5 S., Rs. 3, 2 E.  
 T. 6 S., R. 2 E.  
 T. 11 S., R. 13 E.  
 T. 12 S., R. 13 E.

## NORTH DAKOTA.

List of townships containing beds of lignite 4 feet or more in thickness:

- T. 164 N., R. 93 W., fraction.  
 T. 162 N., Rs. 91, 92, 93 W.  
 T. 161 N., Rs. 88, 91 W.  
 T. 160 N., Rs. 88, 89 W.  
 T. 159 N., R. 88 W.  
 T. 158 N., R. 85 W.  
 T. 156 N., Rs. 84, 85, 86, 94 W.  
 T. 155 N., Rs. 83, 84, 85, 89, 92, 94, 96, 100, 101 W.  
 T. 154 N., Rs. 88, 96, 97, 100, 101, 102 W.  
 T. 153 N., Rs. 91, 98, 99, 100 W.  
 T. 152 N., Rs. 81, 82, 93 W.  
 T. 151 N., Rs. 79, 100 W.  
 T. 150 N., Rs. 78, 79, 101 W.  
 T. 149 N., R. 101 W.  
 T. 148 N., Rs. 85, 90 W.  
 T. 147 N., Rs. 83, 84, 86, 89, 90, 95, 96, 103 W.  
 T. 146 N., Rs. 81, 82, 83, 84, 85, 91, 93, 94, 101, 102, 103 W.  
 T. 145 N., Rs. 80, 84, 86, 93, 100, 101, 102 W.  
 T. 144 N., Rs. 81, 84, 85, 87, 88, 89, 99, 102, 103, 104 W.  
 T. 143 N., Rs. 80, 81, 83, 87, 102 W.  
 T. 142 N., Rs. 79, 80, 84, 85, 86, 92, 93, 101, 102 W.  
 T. 141 N., Rs. 80, 83, 86, 101 W.  
 T. 140 N., Rs. 95, 96, 98, 99, 101, 102, 104 W.  
 T. 139 N., Rs. 84, 85, 87, 94, 95, 96, 97, 98, 99, 100, 102, 104 W.  
 T. 138 N., Rs. 85, 86, 88.  
 T. 137 N., Rs. 89, 102 W.  
 T. 136 N., Rs. 97, 101, 102, 104 W.  
 T. 135 N., Rs. 96, 98, 101, 104, 105 W.  
 T. 134 N., R. 104 W.  
 T. 133 N., Rs. 104, 105 W.

List of townships probably containing coal beds:

- T. 164 N., Rs. 72, 73, 74, 75, 76, 86, 87, 88, 89, 90, 91, 92, 94, 95, 96, 97, 98, 99, 100, 101, 102; all fractional.  
 T. 163 N., Rs. 71, 72, 73, 74, 75, 76, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103 E.  $\frac{1}{2}$  W.  
 T. 162 N., Rs. 71, 72, 73, 74, 85, 86, 87, 88, 89, 90, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103 E.  $\frac{1}{2}$  W.  
 T. 161 N., Rs. 84, 85, 86, 89, 90, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103 E.  $\frac{1}{2}$  W.  
 T. 160 N., Rs. 84, 85, 86, 87, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103 W.

- T. 159 N., Rs. 84, 85, 86, 87, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103 W.
- T. 158 N., Rs. 83, 84, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103 W.
- T. 157 N., Rs. 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103 W.
- T. 156 N., Rs. 82, 83, 87, 88, 89, 90, 91, 92, 93, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104 E.  $\frac{1}{2}$  W.
- T. 155 N., Rs. 82, 86, 87, 88, 90, 91, 93, 95, 97, 98, 99, 102, 103, 104 E.  $\frac{1}{2}$  W.
- T. 154 N., Rs. 81, 82, 83, 84, 85, 86, 87, 89, 90, 91, 92, 93, 94, 95, 98, 99, 103, 104 E.  $\frac{1}{2}$  W.
- T. 153 N., Rs. 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 92, 93, 94, 95, 96, 97, 101, 102, 103, 104 E.  $\frac{1}{2}$  W.
- T. 152 N., Rs. 79, 80, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104 W.
- T. 151 N., Rs. 78, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 101, 102, 103, 104 W.
- T. 150 N., Rs. 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104 W.
- T. 149 N., Rs. 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 102, 103, 104.
- T. 148 N., Rs. 78, 79, 80, 81, 82, 83, 84, 86, 87, 88, 89, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105 E.  $\frac{1}{2}$  W.
- T. 147 N., Rs. 78, 79, 80, 81, 82, 87, 88, 91, 92, 93, 94, 97, 98, 99, 100, 101, 102, 104, 105 E.  $\frac{1}{2}$  W.
- T. 146 N., Rs. 78, 79, 80, 86, 87, 88, 89, 90, 92, 95, 96, 97, 98, 99, 100, 104, 105 E.  $\frac{1}{2}$ .
- T. 145 N., Rs. 78, 79, 81, 82, 83, 85, 87, 88, 89, 90, 91, 92, 94, 95, 96, 97, 98, 99, 103, 104, 105 S.  $\frac{1}{2}$  W.
- T. 144 N., Rs. 78, 79, 80, 82, 83, 86, 90, 91, 92, 93, 94, 95, 96, 97, 98, 100, 101, 105 W.
- T. 143 N., Rs. 79, 82, 84, 85, 86, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 103, 104, 105 W.
- T. 142 N., Rs. 81, 82, 83, 87, 88, 89, 90, 91, 94, 95, 96, 97, 98, 99, 100, 101, 103, 104, 105 W.
- T. 141 N., Rs. 79, 81, 82, 84, 85, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 102, 103, 104, 105.
- T. 140 N., Rs. 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 97, 100, 103, 105, 106 E.  $\frac{1}{2}$  W.
- T. 139 N., Rs. 81, 82, 83, 86, 88, 89, 90, 91, 92, 93, 101, 103, 105, 106 E.  $\frac{1}{2}$  W.
- T. 138 N., Rs. 82, 83, 84, 87, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106 E.  $\frac{1}{2}$  W.
- T. 137 N., Rs. 84, 85, 86, 87, 88, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 103, 104, 105, 106 E.  $\frac{1}{2}$  W.
- T. 136 N., Rs. 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 98, 99, 100, 103, 105, 106 W.
- T. 135 N., Rs. 90, 91, 92, 93, 94, 95, 97, 99, 100, 102, 103, 106 W.
- T. 134 N., Rs. 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 105, 106 W.
- T. 133 N., Rs. 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 106 W.
- T. 132 N., Rs. 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107 E.  $\frac{1}{2}$  W.
- T. 131 N., Rs. 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107 E.  $\frac{1}{2}$  W.
- T. 130 N., Rs. 98, 99, 100, 101, 102, 103, 104, 105, 106, 107 E.  $\frac{1}{2}$  W.
- T. 129 N., Rs. 99, 100, 101, 102, 103, 104, 105, 106, 107 E.  $\frac{1}{2}$  W.

## OREGON.

List of townships containing workable coal beds:

T. 25 S., R. 13 W.

T. 26 S., R. 13 W.

T. 27 S., R. 13 W.

List of townships probably containing workable coal beds:

T. 24 S., Rs. 12, 13 W.

T. 25 S., R. 12, W.

T. 26 S., Rs. 12, 14 W.

T. 27 S., Rs. 12, 14 W.

T. 28 S., Rs. 12, 13, 14 W.

T. 29 S., R. 13 W.

T. 31 S., Rs. 12, 13 W.

T. 32 S., Rs. 12, 13 W.

## SOUTH DAKOTA.

List of townships containing beds of lignite 4 feet or more in thickness:

- T. 22 N., R. 6 E.
- T. 21 N., R. 7 E.
- T. 20 N., Rs. 8, 10 E.
- T. 19 N., R. 8 E.
- T. 18 N., R. 7 E.

List of townships probably containing coal beds:

- T. 23 N., Rs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (all fractional) E.
- T. 22 N., Rs. 1, 2, 3, 4, 5, 7, 8, 9, 10, 11 E.
- T. 21 N., Rs. 1, 2, 3, 4, 5, 6, 8, 9, 10, 11 E.
- T. 20 N., Rs. 1, 2, 3, 4, 5, 6, 7, 9, 11 E.
- T. 19 N., Rs. 1, 2, 3, 4, 5, 6, 7, 9, 10, 11 E.
- T. 18 N., Rs. 1, 2, 3, 4, 5, 6, 8, 9, 10, 11 E.
- T. 17 N., Rs. 1, 2, 3, 4, 5, 6, 7, 8, 9 E.
- T. 16 N., Rs. 1, 2, 3, 4, 5, 6, 7, 8, 9 E.

## UTAH.

Townships containing workable coal:

- T. 3 N., Rs. 5 SE.  $\frac{1}{2}$  E.
- T. 2 N., R. 5 E.
- T. 4 S., R. 5 E.
- T. 12 S., Rs. 6, 7, 8, 9, 10, 11, 12, 13 E.
- T. 13 S., Rs. 6, 7, 8, 9, 10 S.  $\frac{1}{2}$ , 11, 12, 13 E.
- T. 14 S., Rs. 6, 7, 13, 14, 15 E.
- T. 15 S., Rs. 6, 7, 8, 14, 15, 26 N.  $\frac{1}{2}$  E.
- T. 16 S., Rs. 6, 7, 8, 14 E.  $\frac{1}{2}$ , 15, 24, 25, 26 W.  $\frac{1}{2}$  E.
- T. 17 S., Rs. 6, 7, 14, E.  $\frac{1}{2}$ , 15, 16, 17, 18, 23, 24, 25, 26 N.  $\frac{1}{2}$  E.
- T. 18 S., Rs. 5, 6, 7, 14 E.  $\frac{1}{2}$ , 15, 16, 17, 18, 22, 23, 24 NW.  $\frac{1}{2}$  E.
- T. 19 S., Rs. 5, 6, 7 W.  $\frac{1}{2}$ , 15, 16, 17, 18, 20, 21, 22, 23 NW.  $\frac{1}{2}$ .
- T. 20 S., Rs. 5, 6, 16 NE.  $\frac{1}{4}$ , 17, 18, 19, 20, 21, 22, NW.  $\frac{1}{2}$  E.
- T. 21 S., Rs. 4, 5, 6, 18, 19 N.  $\frac{1}{2}$ , 20 N.  $\frac{1}{2}$  E.
- T. 22 S., Rs. 4 and 5 E.
- T. 23 S., Rs. 3 and 4 E.
- T. 24 S., Rs. 3 and 4 E.
- T. 34 S., Rs. 8, 9 SE.  $\frac{1}{4}$  W.
- T. 35 S., Rs. 8, 9, 10 W.
- T. 36 S., Rs. 9, 10, 11 E.  $\frac{1}{2}$  W.
- T. 37 S., Rs. 9, 10, 11, 12 W.  $\frac{1}{2}$ , 13, 14 E.  $\frac{1}{2}$  W.
- T. 38 S., Rs. 10, 11, 12, 13 N.  $\frac{1}{2}$  W.

Townships probably containing coal:

- T. 4 N., Rs. 6 and 7 E.
- T. 3 N., R. 6 E.
- T. 2 N., R. 6 E.
- T. 3 S., Rs. 20 S.  $\frac{1}{2}$ , 21, 22, 23 E.
- T. 4 S., Rs. 19 N.  $\frac{1}{2}$ , 20 N.  $\frac{1}{2}$ , 22, 33 E.
- T. 5 S., Rs. 23, 24 W.  $\frac{1}{2}$  E.
- T. 6 S., Rs. 23, 24, 25 S.  $\frac{1}{2}$  E.
- T. 7 S., Rs. 5, 24 N.  $\frac{1}{2}$ , 25 N.  $\frac{1}{2}$ .
- T. 15 S., Rs. 2 and 3 E.
- T. 16 S., Rs. 2 and 3 E.
- T. 18 S., Rs. 2 and 3 E.
- T. 19 S., R. 2 E.
- T. 20 S., R. 9 E.
- T. 22 S., Rs. 6 and 7.
- T. 23 S., Rs. 6 and 7.
- T. 27 S., Rs. 9, 10, 11 E.
- T. 28 S., Rs. 9, 10, 11 E.
- T. 29 S., Rs. 9, 10, 11 E.
- T. 30 S., Rs. 10, 11, 12 E.
- T. 31 S., Rs. 10, 11, 12 E.
- T. 32 S., Rs. 10, 11, 12 E.
- T. 33 S., Rs. 10, 11, 12 E.
- T. 34 S., Rs. 1, 2, 3 W., and 10, 11, 12 E.
- T. 35 S., Rs. 1, 2, 3, 4,  $4\frac{1}{2}$  W., and 1, 2, 3, 23 E.

- T. 36 S., Rs. 1, 2, 3, 4, 4½, 5, 6, 7, 8 W., and 1, 2, 3, 4, 22, and 23 E.  
 T. 37 S., Rs. 3, 4, 4½, 5, 6, 7, 8 W., and 2, 3, 4, 5, 6 E.  
 T. 38 S., Rs. 3, 4, 5, 6, 7 E.  
 T. 39 S., Rs. 5, 6, 7, 8 E.  
 T. 40 S., Rs. 6, 7, 8 E., and 5 and 6 W.  
 T. 41 S., Rs. 1 E. and 1 W., 22 and 23 E., and 5, 6, and 7 W.  
 T. 42 S., Rs. 1 E. and 1 W.  
 T. 43 S., Rs. 1 E. and 1 W.

## WASHINGTON.

List of townships containing workable coal:

- T. 39 N., R. 6 E.  
 T. 37 N., R. 4 E.  
 T. 35 N., Rs. 5, 6, E.  
 T. 34 N., R. 6 E.  
 T. 29 N., R. 6 E.  
 T. 24 N., R. 5 E.  
 T. 23 N., Rs. 5, 6 E.  
 T. 22 N., Rs. 6, 7 E.  
 T. 21 N., Rs. 6, 7 E.  
 T. 20 N., R. 5 E.  
 T. 19 N., R. 6 E.  
 T. 18 N., R. 6 E.  
 T. 16 N., R. 2 W.  
 T. 15 N., Rs. 1, 6 E.  
 T. 14 N., Rs. 1, 2 W.  
 T. 12 N., R. 5 E.  
 T. 9 N., R. 2 W.  
 T. 8 N., R. 2 W.

List of townships probably containing workable coal beds:

- T. 41 N., Rs. 5, 6 E. fractional.  
 T. 40 N., Rs. 5, 6, 7 E.  
 T. 39 N., Rs. 2, 3, 4, 5 E.  
 T. 38 N., Rs. 2, 3, 4, 5 E.  
 T. 37 N., R. 3 E.  
 T. 36 N., Rs. 4, 5 E.  
 T. 35 N., Rs. 4, 7 E.  
 T. 34 N., Rs. 5, 7 E.  
 T. 24 N., R. 6 E.  
 T. 23 N., R. 7 E.  
 T. 21 N., R. 8 E.  
 T. 20 N., Rs. 7, 8 E.  
 T. 19 N., R. 7 E.  
 T. 18 N., R. 7 E.  
 T. 16 N., Rs. 1 W.—6, 7 E. ½, 10, 11, 12 E.  
 T. 15 N., Rs. 1, 2 W.—7 E. ½, 10, 11, 12 E.  
 T. 14 N., Rs. 3 W.—1, 10, 11, E.  
 T. 13 N., Rs. 1, 2, 3 W.—1, 2, 3, 4, 5 E.  
 T. 12 N., R. 4 E.  
 T. 10 N., Rs. 1, 2, 3, 4 W.  
 T. 9 N., Rs. 1, 3, 4 W.  
 T. 8 N., Rs. 1, 3 W.  
 T. 7 N., Rs. 1, 2 W.

## WYOMING.

List of townships and parts of townships that are known to contain workable coal beds:

- T. 58 N., Rs. 84, 85, 99, and 100 W., S. ½ of each.  
 T. 57 N., Rs. 76, 77, 84, 85, 98, and 99 W.  
 T. 56 N., Rs. 76, 77, 84, 85, and 98 W.  
 T. 55 N., Rs. 85, 86, 102, E. ½ of 103 W.  
 T. 54 N., Rs. 61, 77, 79, 102 W.  
 T. 53 N., Rs. 77, 101 W.  
 T. 52 N., Rs. 82, 100, 101 W.  
 T. 51 N., Rs. 64, 73, 81, 82, 93 SW. ½, 100, 101, 102 E. ½.  
 T. 50 N., Rs. 64, 72, 81, 92, 93, 100, and 101 W.

- T. 49 N., Rs. 63, 100, and 101 W.  
 T. 48 N., Rs. 63, 99, 100, and 101 W.  
 T. 47 N., Rs. 63, 99, 100, and 101 W.  
 T. 46 N., Rs. 61 SW.  $\frac{1}{4}$ , 62, 98, and 99.  
 T. 45 N., Rs. 61 NW.  $\frac{1}{4}$ , 62 NE.  $\frac{1}{2}$ , 89 W.  $\frac{1}{2}$ .  
 T. 44 N., Rs. 93, 94, 95, 96, 97, and 98.  
 T. 39 N., Rs. 113 W.  $\frac{1}{2}$ , 114.  
 T. 38 N., Rs. 113 W.  $\frac{1}{2}$ , 114.  
 T. 37 N., Rs. 113 W.  $\frac{1}{2}$ , 114, 115 W.  $\frac{1}{2}$ , 116 and 117 W.  
 T. 36 N., Rs. 114, 116 E.  $\frac{1}{2}$ , 117 and 118 E.  $\frac{1}{2}$ .  
 T. 35 N., Rs. 115 W.  $\frac{1}{2}$ , 116, 117, and 118 E.  $\frac{1}{2}$ .  
 T. 34 N., Rs. 76, 77, 88, fractional 98, 115, 116, and 117.  
 T. 33 N., Rs. 73, 75, 86, 115, 116 W.  $\frac{1}{2}$ , 117 E.  $\frac{1}{2}$ .  
 T. 32 N., Rs. 115, 117.  
 T. 31 N., Rs. 115, 117.  
 T. 30 N., Rs. 115, 116 SW.  $\frac{1}{4}$ , 117 NE.  $\frac{1}{4}$ .  
 T. 29 N., Rs. 115, 116.  
 T. 28 N., Rs. 113, 114 NE.  $\frac{1}{4}$ , 115 SW.  $\frac{1}{4}$ , 116.  
 T. 27 N., Rs. 113, 115 W.  $\frac{1}{2}$ , 116 E.  $\frac{1}{2}$ .  
 T. 26 N., Rs. 90, 91, 92, 113, 115, 116 E.  $\frac{1}{2}$ .  
 T. 25 N., Rs. 83 S.  $\frac{1}{2}$ , 84 S.  $\frac{1}{2}$ , 85, 86 E.  $\frac{1}{2}$ , 90, 91, 92, 115, 116 E.  $\frac{1}{2}$ .  
 T. 24 N., Rs. 80 SW.  $\frac{1}{4}$ , 81, 82, 83, 84, 85, 89, 90, 91, 92, 115 W.  $\frac{1}{2}$ , 116.  
 T. 23 N., Rs. 79 SW.  $\frac{1}{4}$ , 80, 81, 82, 83, 84, 85, 89, 90, 91, 92, 115 W.  $\frac{1}{2}$ , 116.  
 T. 22 N., Rs. 79, 80, 81, 82, 83, 84, 85 N.  $\frac{1}{2}$  and SE.  $\frac{1}{4}$ , 88 W.  $\frac{1}{2}$ , 89, 90, 91, 92, 93 E.  $\frac{1}{2}$ , 103 S.  $\frac{1}{2}$ , 115 W.  $\frac{1}{2}$ , 116.  
 T. 21 N., Rs. 79, 80, 81, 82, 83, 84 N.  $\frac{1}{2}$ , 85 NE.  $\frac{1}{4}$ , 87 W.  $\frac{1}{4}$ , 88, 89, 90, 91, 92, 93, E.  $\frac{1}{2}$ , 101, 102, 103, 104, 115 W.  $\frac{1}{2}$ , 116, 117 E.  $\frac{1}{2}$ .  
 T. 20 N., Rs. 77, 78, 79, 80 N.  $\frac{1}{2}$ , 81 N.  $\frac{1}{2}$ , 82, 83 E.  $\frac{1}{2}$ , 87, 88, 89, 90, 91, 92, 93, 101, 104 W.  $\frac{1}{2}$ , 105, 116, 117.  
 T. 19 N., Rs. 77, 78, 85, 86, 87 N.  $\frac{1}{2}$ , 88 W.  $\frac{1}{2}$ , 89, 90, 91, 92, 93, 100, 101, 104 W.  $\frac{1}{2}$ , 105, 116 W.  $\frac{1}{2}$ , 117.  
 T. 18 N., Rs. 89, 90, 91, 92, 100, 105, 116 W.  $\frac{1}{2}$ , 117.  
 T. 17 N., Rs. 89, 90, 91, 92, 117, 118 E.  $\frac{1}{2}$ .  
 T. 16 N., Rs. 88 W.  $\frac{1}{2}$ , 89, 90, 91, 117, 118, 120.  
 T. 15 N., Rs. 88, 89, 90, 91 E.  $\frac{1}{2}$ , 118, 119, 120.  
 Townships that are known to contain workable coal:  
 T. 14 N., Rs. 87 W.  $\frac{1}{2}$ , 88, 89, 90, 118 W.  $\frac{1}{2}$ , 119.  
 T. 13 N., Rs. 87, 88, 89, 119.  
 T. 12 N., Rs. 87, 88, 89 N.  $\frac{1}{2}$  of each.  
 T. 58 N., Rs. 68 W.  $\frac{1}{2}$ , 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 86, 98, 101, 102.  
 T. 57 N., Rs. 68 W.  $\frac{1}{2}$ , 69, 70, 71, 72, 73, 74, 75, 78, 79, 80, 81, 82, 83, 86 E.  $\frac{1}{2}$ , 97 SW.  $\frac{1}{2}$ , 100, 101, 102.  
 T. 56 N., Rs. 68 W.  $\frac{1}{2}$ , 69, 70, 71, 72, 73, 74, 75, 78, 79, 80, 81, 82, 83, 86 E.  $\frac{1}{2}$ , 96, 97, 99, 102.  
 T. 55 N., Rs. 68 W.  $\frac{1}{2}$ , 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 97, 98, 101.  
 T. 54 N., Rs. 68 W.  $\frac{1}{2}$ , 69, 70, 71, 72, 73, 74, 75, 76, 78, 80, 81, 82, 83, 84, NE.  $\frac{1}{2}$ , 95, 96, 97, 100, 101.  
 T. 53 N., Rs. 61 N.  $\frac{1}{2}$ , 69, 70, 71, 72, 73, 74, 75, 76, 78, 79, 80, 81, 82, 83, 94 SW.  $\frac{1}{4}$ , 95, 96, 100.  
 T. 52 N., Rs. 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83 E.  $\frac{1}{2}$ , 94, 95, 96.  
 T. 51 N., Rs. 63 W.  $\frac{1}{2}$ , 69 NW.  $\frac{1}{4}$ , 70, 71, 72, 74, 75, 76, 77, 78, 79, 80, 83, NE.  $\frac{1}{4}$ , 94, 95.  
 T. 50 N., Rs. 63, 65, 70, 71, 73, 74, 75, 76, 77, 78, 79, 80, 82, E.  $\frac{1}{2}$ , 94, 99, 102 E.  $\frac{1}{2}$ .  
 T. 49 N., Rs. 62, 64, 70 W.  $\frac{1}{2}$ , 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 92 SW.  $\frac{1}{2}$ , 93, 94, 99, 102 E.  $\frac{1}{2}$ .  
 T. 48 N., Rs. 64 E.  $\frac{1}{2}$ , 70 W.  $\frac{1}{2}$ , 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 91 SW.  $\frac{1}{4}$ , 92, 93, 94, 98.  
 T. 47 N., Rs. 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81 E.  $\frac{1}{2}$ , 91, 92, 93, 98.  
 T. 46 N., Rs. 63 NE.  $\frac{1}{2}$ , 71 W.  $\frac{1}{2}$ , 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, E.  $\frac{1}{2}$ , 90 SW.  $\frac{1}{2}$ , 91, 92, 96, 97, 100, 101 NE.  $\frac{1}{4}$ , 112 SW.  $\frac{1}{4}$ , 113 S.  $\frac{1}{2}$ , 114 SE.  $\frac{1}{4}$ .  
 T. 45 N., Rs. 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 111 SW.  $\frac{1}{2}$ , 112, 113, 114 E.  $\frac{1}{2}$ .  
 T. 44 N., Rs. 71 W.  $\frac{1}{2}$ , 72, 73, 74, 75, 76, 77, 78, 79, 80 NE.  $\frac{1}{4}$ , 89 W.  $\frac{1}{2}$ , 90, 91, 92, 99, 100, 111, 112, 113, 114.  
 T. 43 N., Rs. 72, 73, 74, 75, 76, 77, 78, 79 E.  $\frac{1}{2}$ , 89 W.  $\frac{1}{2}$ , 90, 91, 92 N.  $\frac{1}{2}$ , 111, 112, 113, 114, 115 E.  $\frac{1}{2}$ .

- T. 42 N., Rs. 73, 74, 75, 76, 77, 78, 79 E.  $\frac{1}{2}$ , 110 SW.  $\frac{1}{4}$ , 111, 112, 113, 114 N.  $\frac{1}{2}$ .  
 T. 41 N., Rs. 74, 75, 76, 77, 78, 79 E.  $\frac{1}{2}$ , 109 SW.  $\frac{1}{2}$ , 110, 111, 112 NE.  $\frac{1}{4}$ , 118 W.  $\frac{1}{2}$ .  
 Wind River survey, T. 6 N., Rs. 2 E. S.  $\frac{1}{2}$ , 1 E., and 1 W.  
 T. 40 N., Rs. 74, 75, 76, 77, 78, 109 NW.  $\frac{1}{4}$ , 110 N.  $\frac{1}{2}$ , 116 SE.  $\frac{1}{4}$ , 117, 118.  
 Wind River survey, T. 5 N., Rs. 2 E., 1 E., and 1 W. NE.  $\frac{1}{4}$ .  
 T. 39 N., Rs. 74, 75, 76, 77, 109, 116, 117 W.  
 Wind River survey, T. 4 N., Rs. 2 E. N.  $\frac{1}{2}$ , 1 E. N.  $\frac{1}{2}$ .  
 T. 38 N., Rs. 73, 74, 75, 76, 77, 115 W.  $\frac{1}{2}$ , 116 E.  $\frac{1}{2}$ .  
 T. 37 N., Rs. 72 W.  $\frac{1}{2}$ , 73, 74, 75, 76, 77, 78.  
 T. 36 N., Rs. 72 W.  $\frac{1}{2}$ , 73, 74, 75, 76, 77, 78, 109 W.  
 T. 35 N., Rs. 72, 73, 74, 75, 76, 77, 78, 119.  
 Wind River survey, T. 1 S., Rs. 3 E. S.  $\frac{1}{2}$ , 2 E. S.  $\frac{1}{2}$ , and 1 E.  
 T. 34 N., Rs. 71 W.  $\frac{1}{2}$ , 72, 73, 74, 75, 78 NE.  $\frac{1}{4}$ , 87 SW.  $\frac{1}{2}$ , 96 fract., 97 fract., 118 W.  $\frac{1}{2}$ .  
 Wind River survey, T. 2 S., R. 3 E. and 2 E.  
 T. 33 N., Rs. 71 W.  $\frac{1}{2}$ , 72, 74, 76 N.  $\frac{1}{2}$ , 87, 88 NE.  $\frac{1}{4}$ , 93, 94, 95, 96, 97, 98 NE.  $\frac{1}{4}$ , 119  
 fract., 118 W.  $\frac{1}{2}$ .  
 T. 32 N., Rs. 71 NW.  $\frac{1}{4}$ , 72 N.  $\frac{1}{2}$ , 93 N.  $\frac{1}{2}$ , 94, 95, 96 NE.  $\frac{1}{4}$ , 118 W.  $\frac{1}{2}$ , 119.  
 T. 31 N., Rs. 118 W.  $\frac{1}{2}$ , 119.  
 T. 30 N., Rs. 118 W.  $\frac{1}{2}$ , 119.  
 T. 29 N., Rs. 118 W.  $\frac{1}{2}$ , 119.  
 T. 28 N., Rs. 118 W.  $\frac{1}{2}$ , 119.  
 T. 27 N., Rs. 90 S.  $\frac{1}{2}$ , 91 S.  $\frac{1}{2}$ , 92, 93, 118 W.  $\frac{1}{2}$ , 119.  
 T. 26 N., Rs. 93, 118 W.  $\frac{1}{2}$ , 119.  
 T. 25 N., Rs. 86 W.  $\frac{1}{2}$ , 93, 113, 118 W.  $\frac{1}{2}$ , 119.  
 T. 24 N., Rs. 16 SE.  $\frac{1}{4}$ , 93, 114, 119.  
 T. 23 N., Rs. 86, 93, 114, 119.  
 T. 22 N., Rs. 86 NE.  $\frac{1}{4}$ , 102 S.  $\frac{1}{2}$ , 104 S.  $\frac{1}{2}$ , 114, 119.  
 T. 21 N., Rs. 77 SW.  $\frac{1}{4}$ , 78, 93 W.  $\frac{1}{2}$ , 100, 114, 119.  
 T. 20 N., Rs. 74 SW.  $\frac{1}{2}$ , 75, 76, 83 W.  $\frac{1}{2}$ , 84 W.  $\frac{1}{2}$ , 85, 86, 100, 102, 115.  
 T. 19 N., Rs. 74 W.  $\frac{1}{2}$ , 75, 76, 79 N. E.  $\frac{1}{4}$ , 84 W.  $\frac{1}{2}$ , 99, 102 E.  $\frac{1}{2}$ , 115, 116 E.  $\frac{1}{2}$ , 118  
 E.  $\frac{1}{2}$ .  
 T. 17 N., Rs. 75 NW.  $\frac{1}{2}$ , 76, 77, 78 NE.  $\frac{1}{4}$ , 93, 99 W.  $\frac{1}{2}$ , 100, 101, 102, 105, 106 E.  
 $\frac{1}{2}$ , 115, 116.  
 T. 16 N., Rs. 76 NW.  $\frac{1}{2}$ , 79, 92, 101, 102, 103 S.  $\frac{1}{2}$ , 104 S.  $\frac{1}{2}$ , 105, 106 E.  $\frac{1}{2}$ , 116.  
 T. 15 N., Rs. 91 E.  $\frac{1}{2}$ , 102, 103, 104, 105, 117.  
 T. 14 N., Rs. 91, 103 N.  $\frac{1}{2}$ , 104, 105 NE.  $\frac{1}{4}$ , 117.  
 T. 13 N., Rs. 90.  
 T. 12 N., Rs. 104, 105, 106, 107, 108, 109, 110, 111, 119, N.  $\frac{1}{2}$  of each.

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*Copies of contracts for the fiscal year ending June 30, 1906, for supplying the Department of the Interior and its bureaus and offices with fuel.*

Articles of agreement made and entered into this 22d day of August, 1905, between W. H. Marlow, doing business under the firm name and style of W. H. Marlow, of Washington, D. C., his heirs, executors, administrators, and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1906, such articles as may be required by the Department of the Interior, and as have been accepted in the proposal of the said party of the first part, dated June 30, 1905, to wit: Item in the proposal numbered 1, coal, white ash pea, @ \$3.89 per ton, and coal, white ash buckwheat, @ \$3.14 per ton. All to be of No. 1 quality and to be equal to the sample furnished by the party of the first part for test under the boiler of the Department at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item, in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be

performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, his heirs, executors, administrators, and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties, and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States relating to contracts enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

W. H. MARLOW. [SEAL.]  
THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

M. E. TALCOTT.  
W. B. MARLOW.

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[Proposals must be made and signed in duplicate.]

*Proposal.—Fuel for the Department of the Interior.*

WASHINGTON, D. C., *June 30, 1905.*

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned hereby propose to furnish for the use of the Department of the Interior, its bureaus and offices, and the Civil Service Commission, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Department of the Interior, its bureaus and offices, and the Civil Service Commission, in Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or all the articles embraced in this proposal as may be required.

Respectfully,

W. H. MARLOW.

Doing business as \_\_\_\_\_.

Place of business: 438 Ninth st. NW.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_.

Name of corporation: \_\_\_\_\_.

Name of president: \_\_\_\_\_.

Name of officer authorized to contract: \_\_\_\_\_.

Under what law corporation is organized: \_\_\_\_\_.



*Specifications for fuel and ice for the Department of the Interior.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., June 21, 1905.

Sealed proposals for furnishing fuel and ice for the Department of the Interior and its several bureaus and offices and the Civil Service Commission during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Friday, June 30, 1905, in about the following quantities, viz :

*Old Post-Office Department Building.*—4,000 tons of coal, anthracite, white ash, buckwheat or pea.

*Pension Office.*—1,200 tons white ash furnace coal ; 25 cords pine wood, in stick.

*Bureau of Education.*—100 tons white ash furnace coal ; 3 cords pine wood, sawed in four pieces ; 3 cords hickory wood, sawed in four pieces.

*Geological Survey.*—600 tons white ash furnace coal ; 10 cords pine wood, sawed in two pieces.

*Patent Office Building.*—10 cords hickory wood, sawed in four pieces.

*U. S. Civil Service Commission.*—250 tons furnace coal ; 10 cords pine wood, in stick.

## PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same ; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Bids on coal must be at so much per ton of 2,240 pounds ; on wood, per cord of 128 cubic feet.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. This guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less ; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000 ; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and \$3,000 for a bid of over \$10,000.

## QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule, as well as the division of the same between the different offices named and the places of delivery, are the estimated requirements for the fiscal year ending June 30, 1907 ; but it is to be distinctly understood that the Department has the right to order a greater or less quantity than the estimates herein given and to require delivery at other offices of the Department (in Washington) than those specified, as the interests of the service may require.

All articles must be of the best quality.

The coal to be thoroughly screened, free from slate, dirt, and dust.

The Department reserves the right to award contract for either buckwheat or pea coal, or for both, and to require any bidder to furnish, at the price named in his proposal, a sample of not less than 25 tons for practical test under boilers. Coal furnished under contract must equal sample in quality.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

## AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior ; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposal will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### DELIVERY, INSPECTION, STORAGE, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may be from time to time ordered by the Secretary of the Interior, to be delivered and stored as directed by the Department without charge for delivery or storage.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

The coal and wood will be weighed or measured by a representative of the Department, as required by the act of March 2, 1895, without expense to the contractor. Wood must be corded for measurement at the place of delivery, measurements to be made by inspector, and payments will be made for measurements as corded.

Ice will be paid for according to weight delivered.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the acceptance of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

#### PAYMENTS.

Payments will be made monthly for such articles as may be delivered in conformity with the contract and accepted, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

#### RESERVATIONS.

The right is reserved to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if the interests of the Government shall require it; also the right to annul any contract if, in the opinion of the Secretary of the Interior, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to oppose upon the Government articles inferior to those required by the contract, and any action taken by him in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

ADDRESS OF PROPOSAL.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for fuel and ice," and addressed to the Secretary of the Interior, Washington, D. C.

ETHAN A. HITCHCOCK,  
Secretary of the Interior.

*Schedule of fuel and ice for the Department of the Interior.*

Number of item.	Estimated quantity.	Articles.	Company or mine.	Price.	
				Dollars.	Cts.
1	4,000 tons.....	Coal, white ash, pea.....	Susquehanna Coal Co. per ton..	3	89
2	1,800 tons.....	Coal, white ash, buckwheat <sup>a</sup> .....	do .....	3	14
		Coal, white ash, large furnace or broken.	do .....	5	49
3	13 cords.....	Wood, hickory, sawed in four pieces.	..... per cord..	10	75
4	3 cords.....	Wood, pine, sawed in four pieces.	..... do....	8	00
5	10 cords.....	Wood, pine, sawed in two pieces.	..... do....	7	50
6	35 cords.....	Wood, pine, in stiek.....	..... do....	6	50

<sup>a</sup>The above quotations on Buckwheat is for No. 1 size—No. 2 is much smaller and can be furnished for much less.

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty.]

We, \_\_\_\_\_, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies to the Department of the Interior, according to the advertisement and specifications of June 21, 1905, shall be awarded to \_\_\_\_\_, that —he—, the said \_\_\_\_\_, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said \_\_\_\_\_ to enter into contract as above, that we will forfeit and pay to the United States the sum of \* \_\_\_\_\_ dollars (\$\_\_\_\_\_), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at \_\_\_\_\_, \_\_\_\_\_, 1905.

Signature of guarantors:

\_\_\_\_\_,  
(Post-office address:) \_\_\_\_\_.

\_\_\_\_\_,  
(Post-office address:) \_\_\_\_\_.

CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_  
\_\_\_\_\_, 1906.

† \_\_\_\_\_  
(Official character:) \_\_\_\_\_

\* \$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest the place of residence of the bidder.

[Copy of form of contract for coal 1905 and 1906.]

Articles of agreement made and entered into this thirty-first day of July, 1905, between the Allegheny Company, by Jeremiah M. Burrill, secretary and treasurer, a corporation duly organized under the laws of the State of Virginia, doing business in Washington, D. C., successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1906, such articles as may be required by the Department of the Interior and as have been accepted in the proposal of the said party of the first part, dated June 30, 1905, to wit: Item in the proposal numbered 2, coal, furnace, @ \$5.28 per ton, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item in accordance with and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract, and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, its successors and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

THE ALLEGHENY COMPANY. [SEAL.]  
 J. M. BURRELL, [SEAL.]  
*Secretary and Treasurer.*  
 THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

B. C. FRAZIER.  
 S. F. COMPTON.

[Copy of proposal for fuel, 1905 and 1906.]

[Proposals must be made and signed in duplicate.]

*Proposal.—Fuel for the Department of the Interior.*

WASHINGTON, D. C., June 30, 1905.

TO THE SECRETARY OF THE INTERIOR.

SIR: The undersigned hereby proposes to furnish for the use of the Department of the Interior, its bureaus and offices, and the Civil Service Commission, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications

hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Department of the Interior, its bureaus and offices, and the Civil Service Commission, in Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or all the articles embraced in this proposal as may be required.

Respectfully,

THE ALLEGHENY COMPANY,  
J. M. BURRELL,  
*Secretary and Treasurer.*

Doing business as coal, coke, & wood.

Place of business: 815 11 st., NW.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_

Name of corporation: The Allegheny Company.

Name of president: Lloyd B. Huff.

Name of officer authorized to contract: Jeremiah M. Burrell.

Under what law corporation is organized: Virginia.

*Specifications for fuel and ice for the Department of the Interior.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., June 21, 1905.

Sealed proposals for furnishing fuel and ice for the Department of the Interior and its several bureaus and offices and the Civil Service Commission during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Friday, June 30, 1905, in about the following quantities, viz:

*Old Post-Office Department Building.*—4,000 tons coal—anthracite, white ash, buckwheat, or pea.

*Pension Office.*—1,200 tons white-ash furnace coal; 25 cords pine wood, in stick.

*Bureau of Education.*—100 tons white-ash furnace coal; 3 cords pine wood, sawed in four pieces; 3 cords hickory wood, sawed in four pieces.

*Geological Survey.*—600 tons white-ash furnace coal; 10 cords pine wood, sawed in two pieces.

*Patent Office Building.*—10 cords hickory wood, sawed in four pieces.

*U. S. Civil Service Commission.*—250 tons furnace coal; 10 cords pine wood, in stick.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same. When made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract and be accompanied with a copy, under seal, of his authority to sign.

Bids on coal must be at so much per ton of 2,240 pounds; on wood, per cord of 128 cubic feet.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. This guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and \$3,000 for a bid of over \$10,000.

QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule, as well as the division of the same between the different offices named and the places of delivery, are the estimated requirements for the fiscal year ending June 30, 1906; but it is to be distinctly understood that the

Department has the right to order a greater or less quantity than the estimates herein given and to require delivery at other offices of the Department (in Washington) than those specified, as the interests of the service may require.

All articles must be of the best quality.

The coal to be thoroughly screened, free from slate, dirt, and dust.

The Department reserves the right to award contract for either buckwheat or pea coal, or for both, and to require any bidder to furnish, at the price named in his proposal, a sample of not less than 25 tons for practical test under boilers. Coal furnished under contract must equal sample in quality.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposal will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### DELIVERY, INSPECTION, STORAGE, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may be from time to time ordered by the Secretary of the Interior. To be delivered and stored as directed by the Department without charge for delivery or storage.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

The coal and wood will be weighed or measured by a representative of the Department, as required by the act of March 2, 1895, without expense to the contractor. Wood must be corded for measurement at the place of delivery, measurements to be made by inspector, and payments will be made for measurements as corded.

Ice will be paid for according to weight delivered.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the acceptance of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

PAYMENTS.

Payments will be made monthly for such articles as may be delivered in conformity with the contract and accepted, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

RESERVATIONS.

The right is reserved to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if the interests of the Government shall require it; also the right to annul any contract if, in the opinion of the Secretary of the Interior, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by him in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

ADDRESS OF PROPOSAL.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for Fuel and Ice," and addressed to the Secretary of the Interior, Washington, D. C.

ETHAN A. HITCHCOCK,  
*Secretary of the Interior.*

*Schedule of fuel and ice for the Department of the Interior.*

No. of item.	Estimated quantity.	Articles.	Price.	
			Dollars.	Cts.
1	4,000 tons.....	Coal, white ash, pea <sup>a</sup> .....per ton..	3	95
		Coal, white ash, buckwheat <sup>a</sup> .....do....	3	30
2	1,800 tons.....	Coal, white ash, large furnace or broken <sup>a</sup> .....do....	5	28

<sup>a</sup> From collieries operated by Susquehanna Coal Co., at Nanticoke, Pa.

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty.]

WE, Samuel F. Compton and Henry S. Baker, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies to the Department of the Interior, according to the advertisement and specifications of June 21, 1905, shall be awarded to The Allegheny Company, that they, the said The Allegheny Company will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said The Allegheny Company to enter into contract as above, that we will forfeit and pay to the United States the sum of\* three thousand dollars (\$3,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., June 29, 1905.

Signature of guarantors:

SAMUEL F. COMPTON,  
114 "You" NW.  
HENRY S. BAKER,  
1108 16th St., NW.

## CERTIFICATE.

The undersigned, U. S. Commissioner, in the District of Columbia, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at Washington, D. C., June 30, 1905.

† CHARLES O. BUNDY,  
U. S. Commissioner, D. C.

\* 250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest the place of residence of the bidder.

*Copies of contracts for the fiscal year ending June 30, 1907, for supplying the Department of the Interior and its Bureaus and offices with fuel.*

[Form of contract for coal, 1906 and 1907.]

Articles of agreement made and entered into this 9th day of July, 1906, between V. Baldwin Johnson, doing business under the firm name and style of V. Baldwin Johnson, of Washington, D. C., his heirs, executors, administrators, and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1907, such articles as may be required by the Department of the Interior and as have been accepted in the proposal of the said party of the first part, dated June 20, 1906, to wit: Items in the proposal numbered 1, coal, white ash pea, at \$3.77, and coal, white ash buckwheat, at \$3.02 per ton; and 2, coal, white ash, large furnace or broken, at \$5.44 per ton, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned items in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid, on behalf of the United States, to the said party of the first part, his heirs, executors, administrators and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.



In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

V. BALDWIN JOHNSON. [SEAL.]  
THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

ELEANOR SCHWARZ.  
HENRY H. BROWN.

[Copy of proposal for coal, 1906 and 1907.]

[Proposals must be made and signed in duplicate.]

*Proposal.—Coal for the Department of the Interior.*

WASHINGTON, D. C., *June 20, 1906.*

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned hereby propose— to furnish for the use of the Department of the Interior, its bureaus and offices, and the Civil Service Commission, during the fiscal year ending June 30, 1907, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Department of the Interior, its bureaus and offices, and the Civil Service Commission, in Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

V. BALDWIN JOHNSON.

Doing business as V. Baldwin Johnson.

Place of business: 612 9th st. NW.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_.

Name of corporation: \_\_\_\_\_.

Name of president: \_\_\_\_\_.

Name of officer authorized to contract: \_\_\_\_\_.

Under what law corporation is organized: \_\_\_\_\_.

*Specifications for coal for the Department of the Interior.*

DEPARTMENT OF THE INTERIOR,

*Washington, D. C., June 15, 1906.*

Sealed proposals for furnishing coal for the Department of the Interior and its several bureaus and offices, and the Civil Service Commission, during the fiscal year ending June 30, 1907, will be received until 2 o'clock p. m., Monday, June 25, 1906, in about the following quantities, viz:

*Old Post-Office Department building.*—5,000 tons coal, anthracite, white ash, buckwheat or pea.

*Pension Office.*—1,200 tons white ash furnace coal.

*Bureau of Education.*—100 tons white ash furnace coal.

*Geological Survey.*—600 tons white ash furnace coal.

*U. S. Civil Service Commission.*—250 tons white ash furnace coal.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Bids on coal must be at so much per ton of 2,240 pounds.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and of \$3,000 for a bid of over \$10,000.

#### QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule, as well as the division of the same between the different offices named and the places of delivery, are the estimated requirements for the fiscal year ending June 30, 1907; but it is to be distinctly understood that the Department has the right to order a greater or less quantity than the estimates herein given and to require delivery at other offices of the Department (in Washington) than those specified, as the interests of the service may require.

The Department reserves the right to award contract for either buckwheat or pea coal, or for both, and to require any bidder to furnish, at the price named in his proposal, a sample of not less than 25 tons for practical test under boilers. Coal furnished under contract must equal sample in quality.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### DELIVERY, INSPECTION, STORAGE, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the Secretary of the Interior, to be delivered and stored as directed by the Department without charge for delivery or storage.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

The coal will be weighed or measured by a representative of the Department, as required by the act of March 2, 1895, without expense to the contractor.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

PAYMENTS.

Payments will be made monthly for such articles as may be delivered in conformity with the contract and accepted, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

RESERVATIONS.

The right is reserved to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if the interests of the Government shall require it; also the right to annul any contract if, in the opinion of the Secretary of the Interior, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by him in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for coal," and addressed to the Secretary of the Interior, Washington, D. C.

ETHAN A. HITCHCOCK,  
*Secretary of the Interior.*

*Schedule of coal for the Department of the Interior.*

No. of item.	Estimated quantity.	Articles.	Company or mine.	Price.	
				Dollars.	Cts.
1	5,000 tons. ....	{ Coal, white ash, pea.....	Phila. & Reading Coal & Iron Co., per ton.	3	77
		{ Coal, white ash, buckwheat. ....do .....		3	02
2	2,150 tons.....	Coal, white ash, large furnace or broken.	.....do .....	5	44

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty.]

We, The Title Guaranty & Surety Company, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies to the Department of the Interior, according to the advertisement and specifications of May 15, 1906, shall be awarded to V. Baldwin Johnson, that he, the said V. Baldwin Johnson, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said V. Baldwin Johnson to enter into contract as above, that we

will forfeit and pay to the United States the sum of three thousand dollars (\$3,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., June 20, 1906.

Signatures of guarantors:

THE TITLE GUARANTY & SURETY COMPANY,  
By GEO. F. PARKER,  
PHILIP WALKER,  
*Attorneys in Fact.*

CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_,  
\_\_\_\_\_, 1906.

† \_\_\_\_\_,  
(Official character:)

\*\$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest the place of residence of the bidder.

*Copies of contracts for the fiscal year ending June 30, 1906, for supplying the Freedmen's Hospital with fuel.*

Articles of agreement made and entered into this nineteenth day of May, 1905, between the J. Maury Dove Company, a corporation duly organized under the laws of the District of Columbia and having its usual place of business in Washington, District of Columbia, its successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1906, such articles as may be required by the Freedmen's Hospital, Washington, D. C., and as have been accepted in the proposal of the said party of the first part, dated May 3, 1905, to wit: Item — in the proposal numbered 1, "Quemahoning" at \$3.30 per ton, "Elk Garden" at \$3.35 per ton, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item — in accordance with and subject to the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement, as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid, on behalf of the United States, to the said party of the first part, its successors and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall

cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement, so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

J. MAURY DOVE CO., [SEAL.]  
By W. H. BAUM, *Vice-President*.  
THOS. RYAN,  
*Acting Secretary of the Interior*.

Two witnesses to each signature:

M. A. CAUGHLAN.  
JULIEN E. MATTERN.

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[Proposals must be made and signed in duplicate.]

*Proposal.—Fuel, ice, lumber, and building material for the Freedmen's Hospital.*

WASHINGTON, D. C., *May 3rd, 1905.*

TO THE SECRETARY OF THE INTERIOR.

SIR: The undersigned, J. Maury Dove Co. (Inc.), propose to furnish to the Department of the Interior, for the use of the Freedmen's Hospital, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby made a part of this proposal, any or all of the articles named in the accompanying schedule opposite which prices have been affixed, at the rates therein stated, to be delivered at the Freedmen's Hospital, in Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

J. MAURY DOVE CO. (INC.),  
J. MAURY DOVE, *President*.

Doing business as coal merchants.

Place of business, 1118 F St. NW.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_

Name of corporation: J. Maury Dove Inc.

Name of president: J. Maury Dove.

Name of secretary: Wm. M. Dove.

Under what law corporation is organized: District of Columbia.

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*Specifications for supplies for the Freedmen's Hospital.*

DEPARTMENT OF THE INTERIOR,  
*Washington, D. C., April 1, 1905.*

Sealed proposals to furnish such coal and building material as may be required by the Freedmen's Hospital during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Thursday, May 4, 1905, and be opened immediately thereafter in the presence of such bidders as may attend.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required, the responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less, of \$500 for a bid of more than \$1,000 and not exceeding \$5,000, of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

#### QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1906, but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interests of the service may require.

All articles must be of the best quality unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test, and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 0.50 per cent.	Not more than 7 per cent ash.	Not more than 4 per cent clinker.	20 per cent..	67.47 per cent.	Not less than 13,000 British thermal units per pound.

Percentage of clinker to be determined by practical test in boiler furnaces at hospital.

A sufficient quantity of coal must be furnished for test when required.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

The ice must be equal to best quality northern ice, clear and solid, trimmed of snow or other defects.

Lumber to be thoroughly seasoned and in all respects first class of the quality specified. When 12 to 16 inches is specified it is to be understood that half will be 12 and half 16 inches wide.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

## CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

## DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the surgeon in chief of the hospital. To be delivered at the Freedmen's Hospital, in Washington, D. C., without charge for delivery.

Coal must be delivered at the hospital at such times as the surgeon in chief may direct. Bidders must state name of mine or company whose coal is offered.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles the difference in the total amount of the purchase will be charged to the contractors and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the surgeon in chief of the hospital, they are not in accordance with the contract requirements they will be rejected. The decision of the surgeon in chief on these points to be final unless otherwise directed by the Secretary of the Interior.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

Ice will be paid for according to weight delivered at the hospital.

## PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such articles as may be delivered in conformity with the contract and accepted, upon vouchers certified and approved by the Surgeon in Chief, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

## RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

## ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for fuel, lumber, etc., for the Freedmen's Hospital," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

*Schedule of fuel, ice, lumber, and building material for the Freedmen's Hospital, for fiscal year ending June 30, 1906.*

No. of item.	Estimated quantity.	Articles.	Price.	
			Dollars	Cents.
1	300 tons	Coal, Cumberland, best run of mine: to comply with requirements as to test, etc., specified on page 2 of the specifications, Quemahoning.....per ton..	3	30
		Elk Garden.....per ton..	3	55
Total amount of proposal at quantities estimated:				
Quemahoning.....			990	.....
Elk Garden.....			1,065	.....

## GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

We, The Title Guaranty & Trust Co. of Scranton, Pa., for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies for the Freedmen's Hospital, according to the advertisement and specifications of April 1, 1905, shall be awarded to J. Maury Dove Co. (Inc.), that he, the said J. Maury Dove Co. (Inc.), will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said J. Maury Dove Co. (Inc.) to enter into contract as above, that we will forfeit and pay to the United States the sum of\* five hundred dollars (\$500.00), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., May 3, 1905.

Signatures of guarantors:

THE TITLE GUARANTY & TRUST CO. OF SCRANTON, PA.  
By GEO. F. PARKER,  
By PHILIP WALKER,  
*Attorneys in fact.*

## CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated \_\_\_\_\_,  
\_\_\_\_\_, 1905.

† \_\_\_\_\_,  
(Official character:)

\*\$250 for each bid of \$1,000 or less; \$500 for each bid of more than \$1,000 and not exceeding \$5,000; \$1,000 for each bid of more than \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.



Articles of agreement made and entered into this twenty-third day of May, 1905, between J. Edward Chapman, doing business under the style of J. Edward Chapman, in Washington, D. C., District of Columbia, his heirs, executors, administrators, and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish during the fiscal year ending June 30, 1906, such articles as may be required by the Freedmen's Hospital, Washington, D. C., and as have been accepted in the proposal of the said party of the first part, dated May 4, 1905, to wit, items in the proposal numbered 2, 3, 4, and 5, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned items in accordance with and subject to the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract, and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require, and further agrees that in case of failure to observe any or all of the covenants and agreements to be performed by the party of the first part under this contract that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, his heirs, executors, administrators, and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

J. EDWARD CHAPMAN. [SEAL.]  
THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

O. R. DONAHOO.  
WILLIAM A. COLLIS.

[Proposals must be made and signed in duplicate.]

*Proposal.—Fuel, ice, lumber, and building material for the Freedmen's Hospital.*

WASHINGTON, D. C., May 4, 1905.

TO THE SECRETARY OF THE INTERIOR.

SIR: The undersigned, J. Edward Chapman, proposes to furnish to the Department of the Interior, for the use of the Freedmen's Hospital, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby made a part of this proposal, any or all of the articles named in the accompanying schedule opposite which prices have been affixed, at the rates therein stated, to be delivered at the Freedmen's Hospital, in Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

J. EDWARD CHAPMAN.

Doing business as coal merchant.

Place of business: 1414 C street NW.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_.

Name of corporation: \_\_\_\_\_.

Name of president: \_\_\_\_\_.

Name of secretary, \_\_\_\_\_.

Under what law corporation is organized: \_\_\_\_\_.

*Specifications for supplies for the Freedmen's Hospital.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., April 1, 1905.

Sealed proposals to furnish such coal and building material as may be required by the Freedmen's Hospital during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Thursday, May 4, 1905, and be opened immediately thereafter in the presence of such bidders as may attend.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1906; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interests of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test, and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 0.50 per cent.	Not more than 7 per cent ash.	Not more than 4 per cent clinker.	20 per cent.	67.47 per cent.	Not less than 13,000 British thermal units per pound

Percentage of clinker to be determined by practical test in boiler furnaces at hospital.

A sufficient quantity of coal must be furnished for test when required.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

The ice must be equal to best quality northern ice, clear and solid, trimmed of snow or other defects.

Lumber to be thoroughly seasoned and in all respects first class of the quality specified. When 12 to 16 inches is specified it is to be understood that half will be 12 and half 16 inches wide.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond, over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

#### DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the surgeon in chief of the hospital. To be delivered at the Freedmen's Hospital, in Washington, D. C., without charge for delivery.

Coal must be delivered at the hospital at such times as the surgeon in chief may direct. Bidders must state name of mine or company whose coal is offered.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractors and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the surgeon in chief of the hospital, they are not in accordance with the contract requirements they will be rejected. The decision of the surgeon in chief on these points to be final, unless otherwise directed by the Secretary of the Interior.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

Ice will be paid for according to weight delivered at the hospital.

#### PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such articles as may be delivered in conformity with the contract and accepted, upon vouchers certified and approved by the Surgeon in Chief, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

#### RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

#### ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed and indorsed (on the envelope) "Proposals for Fuel, Lumber, etc., for the Freedmen's Hospital," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

#### *Schedule of fuel, ice, lumber, and building material for the Freedmen's Hospital for fiscal year ending June 30, 1906.*

No. of items.	Estimated quantity.	Articles.	Price.	
			Dollars.	Cents.
1	300 tons.....	Coal, Cumberland, best run of mine; to comply with requirements as to test, etc., specified on page 2 of the specifications: Consolidation Co.'s Big Vein Georges Creek...per ton..	3	60
		Elk-lick of Somerset Coal Co.'s mine .....per ton..	3	35
2	100 tons.....	Coal, white ash, furnace, free-burning .....per ton.. Phil. & Reading.	6	20
3	300 tons.....	Coal, white ash, egg, free-burning.....per ton.. Phila. & Reading.	6	50
4	10 cords.....	Wood, oak, long.....per eord..	5	90
5	10 cords.....	Wood, pine, long.....per cord..	5	50
Total amount of proposal at quantities estimated.....				

#### GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

WE, Fillmore Harrison and William A. Collis, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies for the Freedmen's Hospital, according to the advertisement and specifications of April 1, 1905, shall be awarded to J. Edward Chapman; that he, the said J. Edward Chapman, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said J. Edward Chapman to enter into contract as above, that we will

forfeit and pay to the United States the sum of two thousand dollars (\$2,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., May 4, 1905.

Signatures of guarantors:

FILLMORE HARRISON,  
612 14 st. NW.  
WILLIAM A. COLLIS,  
150 S. Caroline.

CERTIFICATE.

The undersigned, postmaster of Washington, D. C., certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at Washington, D. C., May 4, 1905.

JOHN A. MERRITT, *Postmaster.*

\*\$250 for each bid of \$1,000 or less; \$500 for each bid of more than \$1,000 and not exceeding \$5,000; \$1,000 for each bid of more than \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

COPIES OF CONTRACTS FOR THE FISCAL YEAR ENDING JUNE 30, 1907, FOR SUPPLYING THE FREEDMEN'S HOSPITAL WITH FUEL.

Articles of agreement made and entered into this 12 day of July, 1906, between Merchants' Coal Co., a corporation duly organized under the laws of the State of West Virginia, and doing business in the city of Washington, District of Columbia, and elsewhere, its successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part.

Witnesseth, that the said party of the first part, for the consideration hereinafter mentioned and contained and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish during the fiscal year ending June 30, 1907, such articles as may be required by the Freedmen's Hospital and as have been accepted in the proposal of the said party of the first part, dated May 20, 1906, to wit: Item in the proposal numbered 1 at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item in accordance with and subject to the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any or all of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, its successors and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hand and affixed their seals on the day and year first above written.

MERCHANTS' COAL Co., [SEAL.]  
THOS. T. BOSWELL, *Presdt.*  
THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

G. W. ATKINSON.  
J. D. CHERRY, Jr.

[Proposals must be made and signed in duplicate.]

*Proposal.—Fuel, ice, lumber, and building material for the Freedmen's Hospital.*

WASHINGTON, D. C., *May 20th, 1906.*

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned, Merchants Coal Company, propose to furnish to the Department of the Interior, for the use of the Freedmen's Hospital during the fiscal year ending June 30, 1907, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Freedmen's Hospital, in Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

MERCHANTS COAL Co.  
THOS. T. BOSWELL, *Presdt.*

Doing business as \_\_\_\_\_.

Place of business: \_\_\_\_\_.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_.

Name of corporation: Merchants Coal Co.

Name of president: Thomas T. Boswell.

Name of officer authorized to contract: \_\_\_\_\_.

Under what law corporation is organized: West Virginia.

*Specifications for supplies for the Freedmen's Hospital.*

DEPARTMENT OF THE INTERIOR,  
*Washington, D. C., May 15, 1906.*

Sealed proposals to furnish such coal and building material as may be required by the Freedmen's Hospital, during the fiscal year ending June 30, 1907, will be received until 2 o'clock p. m., Friday, May 25, 1906, and be opened immediately thereafter in the presence of such bidders as may attend.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000; and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

#### QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1907; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity as the interests of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test, and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 0.50 per cent.	Not more than 5 per cent ash.	Not more than 2 per cent clinker.	20 per cent..	67.47 per cent .	Not less than 14,000 British thermal units per pound.

Percentage of clinker to be determined by practical test in boiler furnaces at hospital.

A sufficient quantity of coal must be furnished for test when required.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

The ice must be equal to best quality northern ice, clear and solid, trimmed of snow or other defects.

If manufactured ice is offered, bids must be for furnishing plate ice only. Can ice will not be accepted under the contract.

Lumber to be thoroughly seasoned and in all respects first class of the quality specified. When 12 to 16 inches is specified, it is to be understood that half will be 12 and half 16 inches wide.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

## CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

## DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the surgeon in chief of the hospital; to be delivered at the Freedmen's Hospital, in Washington, D. C., without charge for delivery.

Coal must be delivered at the hospital at such times as the surgeon in chief may direct. Bidders must state name of mine or company whose coal is offered.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the surgeon in chief of the hospital, they are not in accordance with the contract requirements, they will be rejected. The decision of the surgeon in chief on these points to be final, unless otherwise directed by the Secretary of the Interior.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

Ice will be paid for according to weight delivered at the hospital.

## PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such articles as may be delivered in conformity with the contract and accepted, upon vouchers certified and approved by the surgeon in chief, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

## RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.



ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for fuel, lumber, etc., for the Freedmen's Hospital," and addressed to the Secretary of the Interior, Washington, D. C.

ETHAN A. HITCHCOCK,  
Secretary of the Interior.

*Schedule of fuel, ice, lumber, and building material for the Freedmen's Hospital for fiscal year ending June 30, 1907.*

No. of item.	Estimated quantity.	Articles.	Price.	
			Dollars.	Cts.
1	300 tons.....	Coal, Cumberland, best run of mine; to comply with requirements as to test, etc., specified on page 2 of the specifications..... per ton. (Here state true name of company or mine by which coal offered is generally known in market.)	3	70
2	100 tons.....	Coal, white ash, furnace, free-burning..... per ton. (Here state true name of company or mine by which coal offered is generally known in market.)		
3	300 tons.....	Coal, white ash, egg, free-burning..... per ton. (Here state true name of company or mine by which coal offered is generally known in market.)		
4	10 tons.....	Coal, white ash, chestnut..... per ton. (Here state true name of company or mine by which coal offered is generally known in market.)		

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

We, \_\_\_\_\_, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies for the Freedmen's Hospital, according to the advertisement and specifications of May 15, 1906, shall be awarded to \_\_\_\_\_, that —he—, the said \_\_\_\_\_ will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said \_\_\_\_\_ to enter into contract as above, that we will forfeit and pay to the United States the sum of\* \_\_\_\_\_ dollars (\$\_\_\_\_\_), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at \_\_\_\_\_,  
\_\_\_\_\_, 1906.

Signatures of guarantors:

\_\_\_\_\_,  
(Post-office address:) \_\_\_\_\_.

\_\_\_\_\_,  
(Post-office address:) \_\_\_\_\_.

CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above grantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_,  
\_\_\_\_\_, 1906.

† \_\_\_\_\_  
(Official character:) \_\_\_\_\_

\*\$250 for each bid of \$1,000 or less; \$500 for each bid of more than \$1,000 and not exceeding \$5,000; \$1,000 for each bid of more than \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

Articles of agreement made and entered into this 30th day of June, 1906, between Ward W. Griffith, doing business under the firm name and style of Ward W. Griffith, of Washington, District of Columbia, his heirs, executors, administrators, and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1907, such articles as may be required by the Freedmen's Hospital and as have been accepted in the proposal of the said party of the first part, dated May 24, 1906, to wit: Items in the proposal numbered 2, 3, and 4, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned items in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, his heirs, executors, administrators, and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

WARD W. GRIFFITH. [SEAL.]  
THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

J. S. SWORMSTEDT.  
WM. A. HORBACH.

[Proposals must be made and signed in duplicate.]

*Proposal.—Fuel, ice, lumber, and building material for the Freedmen's Hospital.*

WASHINGTON, D. C., May 24, 1906.

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned, Ward W. Griffith, proposes to furnish to the Department of the Interior, for the use of the Freedmen's Hospital during the fiscal year ending June 30, 1907, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Freedmen's Hospital, in Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

WARD W. GRIFFITH.

Doing business as Wood, Coal, and Ice.

Place of business: 1603 H St. NE.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_

Name of corporation: \_\_\_\_\_

Name of president: \_\_\_\_\_

Name of officer authorized to contract: \_\_\_\_\_

Under what law corporation is organized: \_\_\_\_\_

*Specifications for supplies for the Freedmen's Hospital.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., May 15, 1906.

Sealed proposals to furnish such coal and building material as may be required by the Freedmen's Hospital during the fiscal year ending June 30, 1907, will be received until 2 o'clock p. m., Friday, May 25, 1906, and be opened immediately thereafter in the presence of such bidders as may attend.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000; and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1907; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interests of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule. The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test, and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 0.50 per cent.	Not more than 5 per cent ash.	Not more than 2 per cent clinker.	20 per cent.	67.47 per cent.	Not less than 14,000 British thermal units per pound.

Percentage of clinker to be determined by practical test in boiler furnaces at hospital.

A sufficient quantity of coal must be furnished for test when required.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

The ice must be equal to best quality northern ice, clear and solid, trimmed of snow or other defects.

If manufactured ice is offered, bids must be for furnishing plate ice only. Can ice will not be accepted under the contract.

Lumber to be thoroughly seasoned and in all respects first-class of the quality specified. When 12 to 16 inches is specified it is to be understood that half will be 12 and half 16 inches wide.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish, to the satisfaction of the Secretary of the Interior, within ten days after notice, and in default thereof the contract may be annulled.

#### DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the surgeon in chief of the hospital. To be delivered at the Freedmen's Hospital in Washington, D. C., without charge for delivery.

Coal must be delivered at the hospital at such times as the surgeon in chief may direct. Bidders must state name of mine or company whose coal is offered.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the surgeon in chief of the hospital, they are not in accordance with the

contract requirements they will be rejected. The decision of the surgeon in chief on these points to be final, unless otherwise directed by the Secretary of the Interior.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

Ice will be paid for according to weight delivered at the hospital.

#### PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such articles as may be delivered in conformity with the contract and accepted, upon vouchers certified and approved by the surgeon in chief, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

#### RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

#### ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for fuel, lumber, etc., for the Freedmen's Hospital," and addressed to the Secretary of the Interior, Washington, D. C.

ETHAN A. HITCHCOCK,  
*Secretary of the Interior.*

*Schedule of fuel, ice, lumber, and building material for the Freedmen's Hospital, for fiscal year ending June 30, 1907.*

No. of item.	Estimated quantity.	Articles.	Price.	
			Dollars.	Cts.
1	300 tons.....	Coal, Cumberland, best run of mine; to comply with requirements as to test, etc., specified on page 2 of the specifications, \$3.73 per ton. Big Vein Georges Creek coal, from the mines of the Consolidation Coal Co., of Maryland.	1,119	00
2	100 tons.....	Coal, white ash, furnace, free-burning, \$5.68 per ton. Coal from the mines of the Phila. & Reading Co.	580	00
3	300 tons.....	Coal, white ash, egg, free-burning, \$6.03 per ton. Coal from the mines of the Phila. & Reading Co.	1,809	00
4	10 tons.....	Coal, white ash, chestnut, \$6.50 per ton. Coal from the mines of the Phila. & Reading Co.	65	00

W. W. GRIFFITH,  
WOOD, COAL, AND ICE,  
*May 25th, 1906.*

TO THE SECRETARY OF THE INTERIOR.

SIR: I can supply the Consolidation Coal Company's Jener coal at \$3.53 per ton, and wish this considered as part of my proposal.

Very truly,

W. W. GRIFFITH.

## GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

We, The United States Fidelity & Guaranty Co., a corporation of the State of Maryland, for value received, hereby guarantee and bind ourselves and each of us, our and each of our successors and assigns, in the event that a contract for furnishing supplies for the Freedmen's Hospital, according to the advertisement and specifications of May 15, 1906, shall be awarded to Ward W. Griffith, that —he—, the said Ward W. Griffith, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said Ward W. Griffith to enter into contract as above, that we will forfeit and pay to the United States the sum of\* five hundred dollars (\$500), for which forfeiture we will be jointly and severally liable, as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., May 24, 1906.

Signatures of guarantors:

THE UNITED STATES FIDELITY & GUARANTY CO.,  
By J. S. SWORMSTEDT,  
*Attorney in Fact.*

## CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_,  
\_\_\_\_\_, 1906.

† \_\_\_\_\_  
(Official character:) \_\_\_\_\_

\*\$250 for each bid of \$1,000 or less; \$500 for each bid of more than \$1,000 and not exceeding \$5,000; \$1,000 for each bid of more than \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

*Copies of contracts for the fiscal year ending June 30, 1907, for supplying the Howard University with fuel.*

Articles of agreement made and entered into this thirteenth day of July, 1906, between C. H. Burgess Sons Co., a corporation duly organized under the laws of the District of Columbia, and having its usual place of business in Washington, District of Columbia, its successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1907, such articles as may be required by the Howard University, and as have been accepted in the proposal of the said party of the first part, dated May 25, 1906, to wit: items in the proposal numbered 96, 97, 98, and 99, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item — in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees

that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, its successors and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties, and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

C. H. BURGESS SONS CO. [SEAL.]  
By R. E. BURGESS, *President*.  
THOS. RYAN,  
*Acting Secretary of the Interior*.

Two witnesses to each signature:

J. P. V. RITTER, 706 O St. NW.  
CARL D. RITTER, 706 O St. NW.

[Proposals must be made and signed in duplicate ]

*Proposal—Supplies for the Howard University.*

WASHINGTON, D. C., *May 25, 1906.*

TO THE SECRETARY OF THE INTERIOR.

SIR: The undersigned, dealers in coal & wood, propose to furnish to the Department of the Interior, for the use of the Howard University, during the fiscal year ending June 30, 1907, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Howard University, Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or all the articles embraced in this proposal, as may be required.

Respectfully,

C. H. BURGESS SONS CO. (INC.),  
Per R. E. BURGESS, *President*.

Doing business as C. H. Burgess Sons Co.

Place of business: 8th and O sts. NW.

Signature of each member of the firm and firm name. If a corporation, its name and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_

Name of corporation: C. H. Burgess Sons Co. (Inc.).

Name of president: R. E. Burgess.

Name of secretary: Chas. P. Siebold.

Under what law corporation is organized: District of Columbia.

*Specifications for supplies for the Howard University.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., May 15, 1906.

Sealed proposals to furnish such supplies as may be required by the Department of the Interior for the use of the Howard University during the fiscal year ending June 30, 1907, will be received until 2 o'clock p. m., Friday, May 25, 1906.

## PROPOSAL—GUARANTY.

Proposals must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of the proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

## QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1907; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interest of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust, and satisfactory in every respect. Each ton must weigh not less than 2,240 pounds.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

Lumber to be thoroughly seasoned and in all respects first class of the quality specified.

The ice must be equal to best quality northern ice, clear and solid, trimmed of snow or other defects.

If manufactured ice is offered, bids must be for furnishing plate ice only. Can ice will not be accepted under the contract.

## SAMPLES.

Samples must be furnished as required in the schedule. Where schedule requires that articles shall be "like samples," such samples may be seen at the university. A list of samples submitted must accompany the proposal.

Each sample must be plainly marked with a number corresponding to the number on the schedule of the item to which it relates, the price and the name of the bidder. The package containing samples should be plainly marked "Samples, Howard University Supplies."

If in any case the samples submitted by the bidder should be superior to the requirements of the specifications he will be expected and required to furnish goods equal in all respects to his sample, notwithstanding its superiority.

## AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder except where samples are required, when price and quality of sample will be taken into consideration in making the award.



If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

The contractors must save, keep, bear harmless, and fully indemnify the United States and any of its officers or agents from all damages or claims for damages, costs, or expenses in law or equity that may at any time arise or be set up for any infringement of the patent rights of any person or persons in consequence of the use by the Department of the Interior, or by any of its officers or agents, of articles supplied under this proposal, and of which the contractor is not the patentee or assignee, or lawfully entitled to sell the same.

No proposal will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities, however small, as may be from time to time ordered by the president of the Howard University, and must be delivered at the Howard University, Washington, D. C., in the usual trade packages, without charge for delivery of packages.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the president of the Howard University or his duly authorized agent, they are not in accordance with the contract requirements, they will be rejected and returned to the contractor at his expense; the decision of the president of the university on this point to be final.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the acceptance of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

#### PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such services as have been performed in conformity with the contract and accepted, and after proper examination and adjustment of the account.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

## RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

## ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and plainly indorsed (on the envelope) "Proposals for Howard University," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

No. of item.	Quantity.	Description of articles.	Rate.	
			Dollars.	Cents.
CLASS II.— <i>Fuel.</i>				
96	500 tons.....	Hard white-ash furnace coal, delivered inside buildings, per ton.	6	00
97	100 tons.....	Hard white-ash egg coal, delivered inside buildings, per ton.	6	35
98	100 tons.....	Free-burning nut coal, delivered inside buildings. .per ton..	6	65
99	50 tons.....	Free-burning stove coal, delivered inside buildings, per ton.	6	65
100	200 tons.....	First quality bituminous coal, run of mine, equal to "Argyle" or "Georges Creek;" state mine; delivered inside buildings; Merchant's Coal Co.'s "Orenda," per ton.	3	80

## GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See third paragraph of specifications.]

We, \_\_\_\_\_, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies to the Department of the Interior for the use of the Howard University, according to the advertisement and specifications of May 15, 1906, shall be awarded to \_\_\_\_\_, that —he—, the said \_\_\_\_\_, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said \_\_\_\_\_ to enter into a contract as above, that we will forfeit and pay to the United States the sum of \*\_\_\_\_\_ dollars (\$\_\_\_\_\_), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at \_\_\_\_\_,  
\_\_\_\_\_, 1906.

Signatures of guarantors:

\_\_\_\_\_,  
(Post-office address:) \_\_\_\_\_.

\_\_\_\_\_,  
(Post-office address:) \_\_\_\_\_.

Certified check \$1,000.

## CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_,  
\_\_\_\_\_, 1906.

† \_\_\_\_\_,  
(Official character:)

\* \$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

Articles of agreement made and entered into this 5th day of July, 1906, between Merchants Coal Co., a corporation duly organized under the laws of the State of West Virginia, and having its usual place of business in Washington, District of Columbia, its successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1907, such articles as may be required by the Howard University, and as have been accepted in the proposal of the said party of the first part, dated May 20, 1906, to wit: Item in the proposal numbered 100, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agreed that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decisions as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, its successors and assigns for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

MERCHANTS COAL Co., [SEAL.]  
By THOS. T. BOSWELL,  
*President.*

THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

G. W. ATKINSON.  
J. D. CHESSEY, Jr.

[Proposals must be made and signed in duplicate.]

*Proposal—Supplies for the Howard University.*

WASHINGTON, D. C., *May 20th, 1906.*

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned, Merchants' Coal Co., propose to furnish to the Department of the Interior, for the use of the Howard University, during the fiscal year ending June 30, 1907, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Howard University, Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or all the articles embraced in this proposal as may be required.

Respectfully,

MERCHANTS COAL CO.  
THOS. T. BOSWELL, *President.*

Doing business as \_\_\_\_\_.

Place of business: \_\_\_\_\_.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_.

Name of corporation: Merchants Coal Co.

Name of president: Thomas T. Boswell.

Name of secretary: Geo. W. Atkinson.

Under what law corporation is organized: W. Va.

*Specifications for supplies for the Howard University.*

DEPARTMENT OF THE INTERIOR,  
*Washington, D. C., May 15, 1906.*

Sealed proposals to furnish such supplies as may be required by the Department of the Interior for the use of the Howard University during the fiscal year ending June 30, 1907, will be received until 2 o'clock p. m., Friday, May 25, 1906.

PROPOSAL—GUARANTY.

Proposals must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of the proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1907; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed

thereby, the right being reserved to order any greater or any less quantity, as the interest of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust, and satisfactory in every respect. Each ton must weigh not less than 2,240 pounds.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

Lumber to be thoroughly seasoned and in all respects first class of the quality specified.

The ice must be equal to best quality northern ice, clear and solid, trimmed of snow or other defects.

If manufactured ice is offered bids must be for furnishing plate ice only. Can ice will not be accepted under the contract.

#### SAMPLES.

Samples must be furnished as required in the schedule. Where schedule requires that articles shall be "like samples," such samples may be seen at the university. A list of samples submitted must accompany the proposal.

Each sample must be plainly marked with a number corresponding to the number on the schedule of the item to which it relates, the price and the name of the bidder. The package containing samples should be plainly marked "Samples, Howard University Supplies."

If in any case the samples submitted by the bidder should be superior to the requirements of the specifications he will be expected and required to furnish goods equal in all respects to his sample, notwithstanding its superiority.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder, except where samples are required, when price and quality of sample will be taken into consideration in making the award.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

The contractors must save, keep, bear harmless, and fully indemnify the United States and any of its officers or agents from all damages or claims for damages, costs, or expenses in law or equity that may at any time arise or be set up for any infringement of the patent rights of any person or persons in consequence of the use by the Department of the Interior, or by any of its officers or agents, of articles supplied under this proposal, and of which the contractor is not the patentee or assignee, or lawfully entitled to sell the same.

No proposal will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities, however small, as may be from time to time ordered by the president of the Howard University, and must be delivered at the Howard University, Washington, D. C., in the usual trade packages, without charge for delivery of packages.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the president of the Howard University or his duly authorized agent they are not in accordance with the contract requirements, they will be rejected and

returned to the contractor at his expense; the decision of the president of the university on this point to be final.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the acceptance of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

#### PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such services as have been performed in conformity with the contract and accepted, and after proper examination and adjustment of the account.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

#### RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

#### ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and plainly indorsed (on the envelope) "Proposals for Howard University," and addressed to the SECRETARY OF THE INTERIOR, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

No. of item.	Quantity.	Description of articles.	Rate.		No. of item.
			Dollars.	Cents.	
CLASS II.— <i>Fuel.</i>					
96	500 tons.....	Hard white-ash furnace coal, delivered inside buildings, per ton.	.....	.....	96
97	100 tons.....	Hard white-ash egg coal, delivered inside buildings, per ton.	.....	.....	97
98	100 tons.....	Free-burning nut coal, delivered inside buildings, per ton.	.....	.....	98
99	50 tons.....	Free-burning stove coal, delivered inside buildings, per ton.	.....	.....	99
100	200 tons.....	First quality bituminous coal, run of mine, equal to "Argyle" or "Georges Creek," State mine, delivered inside buildings, per ton.	3	65	100

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See third paragraph of specifications.]

We, \_\_\_\_\_, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies to the Department of the Interior for the use of the Howard University, according to the advertisement and specifications of May 15, 1906, shall be awarded to \_\_\_\_\_, that —he—, the said \_\_\_\_\_, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said \_\_\_\_\_ to enter into a contract as above, that we will forfeit and pay to the United States the sum of \*\_\_\_\_\_ dollars (\$\_\_\_\_\_), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at \_\_\_\_\_, \_\_\_\_\_, 1906.

Signatures of guarantors:

\_\_\_\_\_,  
(Post-office address) \_\_\_\_\_.

\_\_\_\_\_,  
(Post-office address) \_\_\_\_\_.

\*\$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000.

†This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_, \_\_\_\_\_, 1906.

†\_\_\_\_\_,  
(Official character) \_\_\_\_\_.

*Copies of contracts for the fiscal year ending June 30, 1906, for supplying the Howard University with fuel.*

Articles of agreement made and entered into this twenty-fourth day of May, 1905, between the C. H. Burgess Sons Co., a corporation duly organized under the laws of the District of Columbia, and having its usual place of business in Washington, District of Columbia, of its successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1906, such articles as may be required by the Howard University, Washington, D. C., and as have been accepted in the proposal of the said party of the first part, dated May 3, 1905, to wit: Items in the proposal numbered 95, 96, 97, and 98, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned items in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the

Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, its successors and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

C. H. BURGESS SONS CO. [SEAL.]  
By R. E. BURGESS,  
*President.*

THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

CARL D. RITTER, 706 O St., NW.

JOHN B. WRIGHT, jr., 1337 Tenth St., NW.

[Proposals must be made and signed in duplicate.]

*Proposal—Supplies for the Howard University.*

WASHINGTON, D. C., May 3rd, 1905.

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned, dealers in coal & wood, propose to furnish to the Department of the Interior, for the use of the Howard University, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Howard University, Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or all the articles embraced in this proposal as may be required.

Respectfully,

C. H. BURGESS SONS CO.,  
By R. E. BURGESS,  
*President.*

Doing business as coal dealers.

Place of business: 8th & O sts. NW.

Signature of each member of the firm and firm name. If a corporation, its name and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_

Name of corporation: C. H. Burgess Sons Co.

Name of president: R. E. Burgess.

Name of secretary: Chas. P. Siebold.

Under what law corporation is organized: District of Columbia.



*Specifications for supplies for the Howard University.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., April 1, 1905.

Sealed proposals to furnish such supplies as may be required by the Department of the Interior for the use of the Howard University during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Thursday, May 4, 1905.

## PROPOSAL—GUARANTY.

Proposals must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of the proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

## QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1906; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interest of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust, and satisfactory in every respect. Each ton must weigh not less than 2,240 pounds.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

Lumber to be thoroughly seasoned and in all respects first class of the quality specified.

## SAMPLES.

Samples must be furnished as required in the schedule. Where schedule requires that articles shall be "like samples," such samples may be seen at the University. A list of samples submitted must accompany the proposal.

Each sample must be plainly marked with a number corresponding to the number on the schedule of the item to which it relates, the price, and the name of the bidder. The package containing samples should be plainly marked, "Samples, Howard University supplies."

If in any case the samples submitted by the bidder should be superior to the requirements of the specifications, he will be expected and required to furnish goods equal in all respects to his sample, notwithstanding its superiority.

## AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder, except where samples are required, when price and quality of sample will be taken into consideration in making the award.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior, and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

The contractors must save, keep, bear harmless, and fully indemnify the United States and any of its officers or agents from all damages or claims for damages, costs, or expenses in law or equity that may at any time arise or be set up for any infringement of the patent rights of any person or persons in consequence of the use by the Department of the Interior, or by any of its officers or agents, of articles supplied under this proposal, and of which the contractor is not the patentee or assignee, or lawfully entitled to sell the same.

No proposal will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities, however small, as may be from time to time ordered by the president of the Howard University, and must be delivered at the Howard University, Washington, D. C., in the usual trade packages, without charge for delivery of packages.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the president of the Howard University or his duly authorized agent, they are not in accordance with the contract requirements they will be rejected and returned to the contractor at his expense. The decision of the president on this point to be final.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the acceptance of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

#### PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such services as have been performed in conformity with the contract and accepted, and after proper examination and adjustment of the account.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

## RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part, if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

## ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and plainly indorsed (on the envelope) "Proposals for Howard University," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

No. of item.	Quantity.	Description of articles.	Rate.	
			Dollars.	Cents.
CLASS II.— <i>Fuel.</i>				
95	500 tons.....	Hard white-ash furnace coal, delivered inside buildings, per ton.	5	85
96	100 tons.....	Hard white-ash egg coal, delivered inside buildings, per ton.	6	25
97	100 tons.....	Free-burning nut coal, delivered inside buildings, per ton..	6	45
98	50 tons.....	Free-burning stove coal, delivered inside buildings, per ton.	6	45
99	200 tons.....	First quality bituminous coal, run of mine, equal to "Argyle" or "Georges Creek;" state mine; delivered inside buildings, per ton.	4	00

## GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See third paragraph of specifications.]

We, Richard A. Walker and William D. Sullivan, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies to the Department of the Interior for the use of the Howard University, according to the advertisement and specifications of April 1, 1905, shall be awarded to C. H. Burgess Sons Co., that they, the said C. H. Burgess Sons Co., will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said C. H. Burgess Sons Co. to enter into a contract as above, that we will forfeit and pay to the United States the sum of \*one thousand dollars (\$1,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., May 4, 1905.

Signatures of guarantors:

RICHARD A. WALKER,  
1600 7th st. NW.  
WILLIAM D. SULLIVAN,  
1409 8th st. NW.

## CERTIFICATE.

The undersigned, Job Barnard, justice, in the City of Washington, District of Columbia, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at Washington, D. C., May 4, 1905.

† JOB BARNARD,  
*Justice of the S. C. D. C.*

\*\$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

Articles of agreement made and entered into this twenty-third day of May, 1905, between J. Edward Chapman, doing business under the firm name and style of J. Edward Chapman, in Washington, District of Columbia, his heirs, executors, administrators, and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part.

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish during the fiscal year ending June 30, 1906, such articles as may be required by the Howard University, Washington, D. C., and as have been accepted in the proposal of the said party of the first part, dated May 4, 1905, to wit: Item in the proposal numbered 99, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid, on behalf of the United States, to the said party of the first part, his heirs, executors, administrators and assigns, for all the articles delivered hereunder, the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract, so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

J. EDWARD CHAPMAN. [SEAL.]  
THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature.

WILLIAM A. CALLIS.  
O. R. DONAHOO.

[Proposals must be made and signed in duplicate.]

*Proposal—Supplies for the Howard University.*

WASHINGTON, D. C., May 4, 1905.

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned, J. Edward Chapman, propose to furnish to the Department of the Interior, for the use of the Howard University, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications hereto attached, all

the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Howard University, Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or all the articles embraced in this proposal as may be required.

Respectfully,

J. EDWARD CHAPMAN.

Doing business as coal merchant.

Place of business: 1414 C st. NW.

Signature of each member of the firm and firm name. If a corporation, its name and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_.

Name of corporation: \_\_\_\_\_.

Name of president: \_\_\_\_\_.

Name of secretary: \_\_\_\_\_.

Under what law corporation is organized: \_\_\_\_\_.

\_\_\_\_\_

*Specifications for supplies for the Howard University.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., April 1, 1905.

Sealed proposals to furnish such supplies as may be required by the Department of the Interior for the use of the Howard University during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Thursday, May 4, 1905.

PROPOSAL—GUARANTY.

Proposals must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of the proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1906; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interest of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust, and satisfactory in every respect. Each ton must weigh not less than 2,240 pounds.

The wood must be thoroughly seasoned, merchantable, and reasonably free from knots or defects.

Lumber to be thoroughly seasoned and in all respects first-class of the quality specified.

## SAMPLES.

Samples must be furnished as required in the schedule. Where schedule requires that articles shall be "like samples," such samples may be seen at the University. A list of samples submitted must accompany the proposal.

Each sample must be plainly marked with a number corresponding to the number on the schedule of the item to which it relates, the price and the name of the bidder. The package containing samples should be plainly marked "Samples, Howard University Supplies."

If in any case the samples submitted by the bidder should be superior to the requirements of the specifications he will be expected and required to furnish goods equal in all respects to his sample, notwithstanding its superiority.

## AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder, except where samples are required, when price and quality of sample will be taken into consideration in making the award.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

The contractors must save, keep, bear harmless, and fully indemnify the United States and any of its officers or agents from all damages or claims for damages, costs, or expenses in law or equity that may at any time arise or be set up for any infringement of the patent rights of any person or persons in consequence of the use by the Department of the Interior, or by any of its officers or agents, of articles supplied under this proposal, and of which the contractor is not the patentee or assignee, or lawfully entitled to sell the same.

No proposal will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

## DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities, however small, as may be from time to time ordered by the president of the Howard University, and must be delivered at the Howard University, Washington, D. C., in the usual trade packages, without charge for delivery of packages.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the president of the Howard University, or his duly authorized agent, they are not in accordance with the contract requirements, they will be rejected and returned to the contractor at his expense. The decision of the president on this point to be final.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

## CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties, or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit showing that they severally own and possess property of the clear value in the aggre-

gate of double the amount specified in the bond over and above all debts and liabilities, and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the acceptance of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

#### PAYMENTS.

Payments will be made monthly at the office of the Secretary of the Interior for such services as have been performed in conformity with the contract and accepted, and after proper examination and adjustment of the account.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

#### RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

#### ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and plainly indorsed (on the envelope) "Proposals for Howard University," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

No. of item.	Quantity.	Description of articles.	Rate.	
			Dollars.	Cents.
CLASS II. — <i>Fuel.</i>				
95	500 tons.....	Hard white-ash furnace coal, delivered inside buildings, per ton.	6	20
96	100 tons.....	Hard white-ash egg coal, delivered inside buildings, per ton.	6	45
97	100 tons.....	Free-burning nut coal, delivered inside buildings, per ton.	6	60
98	50 tons.....	Free-burning stove coal, delivered inside buildings, per ton.	6	60
99	200 tons.....	First quality bituminous coal, run of mine, equal to "Argyle" or "Georges Creek;" state mine; delivered inside buildings Georges Creek, per ton.	3	65

#### GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See third paragraph of specifications.]

We, Fillmore Harrison and William A. Callis, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies to the Department of the Interior for the use of the Howard University, according to the advertisement and specifications of April 1, 1905, shall be awarded to J. Edward Chapman,

that—he—, the said J. Edward Chapman, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said J. Edward Chapman to enter into a contract as above, that we will forfeit and pay to the United States the sum of \*one thousand dollars (\$1,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., May 4, 1905.

Signatures of guarantors:

FILMORE HARRISON,  
612 14 St. NW.  
WILLIAM A. CALLIS,  
150 S. Caroline.

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CERTIFICATE.

The undersigned, postmaster of Dist. of Col., certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at Washington, D. C., May 4, 1905.

† JOHN A. MERRITT, *Postmaster.*

\* 250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

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*Copies of contracts for the fiscal year ending June 30, 1906, for supplying the Government Hospital for the Insane with fuel.*

Articles of agreement made and entered into this twenty-ninth day of June, 1905, between Maryland Coal and Coke Co., a corporation duly organized under the laws of the State of West Virginia, and having its usual place of business in Baltimore, Md., its successors and assigns, of the first part; and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1906, such articles as may be required by the Government Hospital for the Insane, and as have been accepted in the proposal of the said party of the first part, dated May 2, 1905, to wit: Item in the proposal numbered 2, big vein Cumberland coal, at \$2.75 per ton, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, its successors and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.



Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

MARYLAND COAL AND COKE CO., [SEAL.]  
By GEO. P. SPATES, *Vice-President*.  
THOS. RYAN,  
*Acting Secretary of the Interior*.

Two witnesses to each signature:

HENRY G. BROWN,  
IRA E. MOESSINGER.

[PROPOSALS MUST BE MADE AND SIGNED IN DUPLICATE.]

*Proposal.—Fuel, lumber, and building material for the Government Hospital for the Insane.*

BALTIMORE, *May 2, 1905.*

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned, Maryland Coal and Coke Company, propose to furnish to the Department of the Interior, for the use of the Government Hospital for the Insane, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby made a part of this proposal, any or all of the articles named in the accompanying schedule opposite which prices have been affixed, at the rates therein stated, to be delivered at the Government Hospital for the Insane, near Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

MARYLAND COAL AND COKE CO.,  
GEO. P. SPATES, *Vice Pres.*

During business as Maryland Coal and Coke Co.

Place of business, Union Trust Bldg., Balto., Md.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_

Name of corporation: Maryland Coal and Coke Company.

Name of president: Henry G. Brown.

Name of secretary, C. H. Diffendorffer.

Under what law corporation is organized: General Laws of West Virginia.

SPECIFICATIONS FOR SUPPLIES FOR THE GOVERNMENT HOSPITAL FOR THE INSANE.

DEPARTMENT OF THE INTERIOR,  
*Washington, D. C., April 1, 1905.*

Sealed proposals to furnish such coal and building material as may be required by the Government Hospital for the Insane during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Thursday, May 4, 1905, and be opened immediately thereafter in the presence of such bidders as may attend.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership, the name of each partner must be signed. If made by a corporation,

proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required, the responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000; and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

#### QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1906; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interests of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test, and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 50 per cent.	Not more than 7 per cent ash.	Not more than 4 per cent clinker.	20 per cent.	67.47 per cent.	Not less than 13,000 British thermal units per pound.

Percentage of clinker to be determined by practical test in boiler furnaces at hospital.

A sample carload of coal must be furnished for test when required.

Lumber to be thoroughly seasoned and in all respects first class of the quality specified. When 12 to 16 inches is specified it is to be understood that half will be 12 and half 16 inches wide. Lumber may be delivered in carload lots on hospital switch if preferred, when quantities permit.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

## CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

## DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the superintendent of the hospital, to be delivered at the Government Hospital for the Insane, near Washington, D. C., without charge for delivery.

Coal must be delivered in carload lots on hospital switch at such times as the superintendent may direct. Bidders must state name of mine or company whose coal is offered. One-half of the coal must be delivered in wooden cars as directed.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the superintendent of the hospital, or his duly authorized agent, they are not in accordance with the contract requirements, they will be rejected. The decision of the superintendent on these points to be final.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

## PAYMENTS.

Payments will be made within sixty days by the superintendent of the hospital for such articles as may be delivered in conformity with the contract and accepted, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

## RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for fuel, lumber, etc., for the Government Hospital for the Insane," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
Secretary of the Interior.

Schedule of fuel, lumber, and building material for the Government Hospital for the Insane for fiscal year ending June 30, 1906.

No. of item.	Estimated quantity.	Articles.	Company or mine.	Price.	
				Dollars.	Cts.
1	1,000 tons....	Coal, white ash, stove, free-burning, delivered on hospital grounds .....	..... per ton.....		
		(Here state true name of company or mine by which coal offered is generally known in market.)			
2	18,000 tons....	Coal, Cumberland, best run of mine, delivered on hospital grounds; to comply with requirements as to test, etc., indicated on page 2 of the specification.....	..... per ton.....		
		Maryland Big Vein Georges Creek coal .....	..... per ton..	\$3	10
		Big Vein Cumberland coal.....	..... per ton..	2	75

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

We, The United States Fidelity and Guaranty Company, a corporation, created and existing under the laws of the State of Maryland, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies for the Government Hospital for the Insane, according to the advertisement and specifications of April 1, 1905, shall be awarded to Maryland Coal and Coke Company; that it, the said Maryland Coal and Coke Company, will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said Maryland Coal and Coke Company to enter into contract as above, that we will forfeit and pay to the United States the sum of \*three thousand dollars (\$3,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages and not as a penalty to be reduced or diminished.

Dated at Baltimore, Md., May 2, 1905.

Signatures of guarantors:

THE UNITED STATES FIDELITY AND GUARANTY CO.  
CHAS. O. SCULL, Vice-President.

Attest:

ALBERT H. BUCK,  
Assistant Secretary.

CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_.

\_\_\_\_\_, 1905.

† \_\_\_\_\_.  
(Official character:) \_\_\_\_\_.

\* \$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

Articles of agreement made and entered into this twenty-fourth day of May, 1905 between the J. Maury Dove Co., Inc., a corporation duly organized under the law of the District of Columbia and having its usual place of business in Washington, District of Columbia, its successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part,

Witnesseth: That the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish during the fiscal year ending June 30, 1906, such articles as may be required by the Government Hospital for the Insane, near Washington, D. C., and as have been accepted in the proposal of the said party of the first part, dated May 3, 1905, to wit: Item—in the proposal numbered 1, at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item—in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, its successors and assigns, for all the articles delivered here under the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

J. MAURY DOVE CO. [SEAL.]

J. MAURY DOVE, *Pres.*

THOS. RYAN,

*Acting Secretary of the Interior.*

Two witnesses to each signature:

JULIEN E. MATTERN.

M. A. COUGHLAN.

[Proposals must be made and signed in duplicate.]

*Proposal—Fuel, lumber, and building material for the Government Hospital for the Insane.*

WASHINGTON, D. C., May 3d, 1905.

TO THE SECRETARY OF THE INTERIOR.

SIR: The undersigned, J. Maury Dove Co., Inc., propose to furnish to the Department of the Interior, for the use of the Government Hospital for the Insane, during the fiscal year ending June 30, 1906, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby made a part of this proposal, any or all of the articles named in the accompanying schedule opposite which prices have been affixed, at the rates therein stated, to be delivered at the Government Hospital for the Insane, near Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

J. MAURY DOVE Co. (INC.)  
By J. MAURY DOVE, *President.*

Doing business as coal merchants.

Place of business: 1118 F st., N. W.

Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: \_\_\_\_\_

Name of corporation: J. Maury Dove Co. (Inc.)

Name of president: J. Maury Dove.

Name of secretary: Wm. M. Dove.

Under what law corporation is organized: District of Columbia.

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*Specifications for supplies for the Government Hospital for the Insane.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., April 1, 1905.

Sealed proposals to furnish such coal and building material as may be required by the Government Hospital for the Insane, during the fiscal year ending June 30, 1906, will be received until 2 o'clock p. m., Thursday, May 4, 1905, and be opened immediately thereafter in the presence of such bidders as may attend.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership the name of each partner must be signed. If made by a corporation, proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250 a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

## QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1906; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity, as the interests of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule. The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test, and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 0.50 per cent.	Not more than 7 per cent ash.	Not more than 4 per cent clinker.	20 per cent.	67.47 per cent.	Not less than 13,000 British thermal units per pound.

Percentage of clinker to be determined by practical test in boiler furnaces at hospital.

A sample carload of coal must be furnished for test when required.

Lumber to be thoroughly seasoned and in all respects first-class of the quality specified. When 12 to 16 inches is specified it is to be understood that half will be 12 and half 16 inches wide. Lumber may be delivered in carload lots on hospital switch if preferred, when quantities permit.

## AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

## CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

## DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the superintendent of the hospital. To be delivered at the Government Hospital for the Insane, near Washington, D. C., without charge for delivery.

Coal must be delivered in carload lots on hospital switch at such times as the superintendent may direct. Bidders must state name of mine or company whose coal is offered. One-half of the coal must be delivered in wooden cars as directed.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the superintendent of the hospital, or his duly authorized agent, they are not in accordance with the contract requirements, they will be rejected. The decision of the superintendent on these points to be final.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

## PAYMENTS.

Payments will be made within sixty days by the superintendent of the hospital for such articles as may be delivered in conformity with the contract and accepted, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

## RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

## ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for Fuel, Lumber, etc., for the Government Hospital for the Insane," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

*Schedule of fuel, lumber, and building material for the Government Hospital for the Insane, for fiscal year ending June 30, 1906.*

No. of item.	Estimated quantity.	Articles.	Company or mine.	Price.		No. of item.
				Dollars.	Cts.	
1	1,000 tons.....	Coal, white ash, stove, free-burning, delivered on hospital grounds: f. o. b. cars, hospital switch, per ton.	From mines of the Philadelphia and Reading Coal and Iron Co.	6	00	1
2	18,000 tons....	Coal, Cumberland, best run of mine, delivered on hospital grounds: to comply with requirements as to test, etc., indicated on page 2 of the specification, per ton. — (Here state true name of company or mine by which coal offered is generally known in market.)	.....			2



## GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

We, The Title Guaranty and Trust Co. of Scranton, Pa., for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies for the Government Hospital for the Insane, according to the advertisement and specifications of April 1, 1905, shall be awarded to J. Maury Dove Co. (Inc.) that they, the said J. Maury Dove Co. (Inc.) will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said J. Maury Dove Co. to enter into contract as above, that we will forfeit and pay to the United States the sum of \*one thousand dollars (\$1,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., May 3, 1905.

Signatures of guarantors:

THE TITLE GUARANTY AND TRUST CO. OF SCRANTON, PA.,  
By GEO. F. PARKER,  
By PHILIP WALKER,  
*Attorneys in Fact.*

Witness:

WILLIS W. PARKER,  
M. R. BURR.

## - CERTIFICATE.

The undersigned, \_\_\_\_\_, in the State of \_\_\_\_\_, certifies that he is acquainted with the above guarantors, and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at \_\_\_\_\_  
\_\_\_\_\_, 1905.

† \_\_\_\_\_  
(Official character: ) \_\_\_\_\_.

\*\$2.50 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

*Copies of contracts for the fiscal year ending June 30, 1907, for supplying the Government Hospital for the Insane with fuel.*

Articles of agreement made and entered into this first day of August, 1906, between National Coal Company, a corporation duly organized under the laws of the State of Maryland, and having its usual place of business in Baltimore, its successors and assigns, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part:

Witnesseth that the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1907, such articles as may be required by the Government Hospital for the Insane, and as have been accepted in the proposal of the said party of the first part, dated May 24, 1906, to wit: Item in the proposal numbered 2, @ \$2.93 per ton "Georges Creek" at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any, or all, of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of, the United States, to the said party of the first part, its successors and assigns, for all the articles delivered hereunder the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

NATIONAL COAL CO. [SEAL.]  
A. J. RYAN, *Pres. & Treas.*  
THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

JNO. T. O'MEAR,  
*Lombard and Gay sts., Balto., Md.*  
JOHN D. FISKE, M. D.,  
*51 S. Gay st.*

[Proposals must be made and signed in duplicate.]

*Proposal.—Fuel, lumber, and building material for the Government Hospital for the Insane.*

BALTIMORE, MD., *May 24, 1906.*

To the SECRETARY OF THE INTERIOR.

SIR: The undersigned National Coal Co., propose—to furnish to the Department of the Interior, for the use of the Government Hospital for the Insane, during the fiscal year ending June 30, 1907, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Government Hospital for the Insane, near Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal as may be required.

Respectfully,

NATIONAL COAL CO.  
A. J. RYAN,  
*Pres. and Tres.*

Doing business as National Coal Co.

Place of business: Baltimore, Md.

Signature of each member of the firm and firm name. If a corporation, its name and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.

Names of individual members of firm: ——— ———

Name of corporation: National Coal Co.

Name of president: A. J. Ryan.

Name of officer authorized to contract: President A. J. Ryan.

Under what law corporation is organized: Maryland.

*Specifications for supplies for the Government Hospital for the Insane.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., May 15, 1906.

Sealed proposals to furnish such coal and building material as may be required by the Government Hospital for the Insane during the fiscal year ending June 30, 1907, will be received until 2 o'clock p. m., Friday, May 25, 1906, and be opened immediately thereafter in the presence of such bidders as may attend.

## PROPOSAL—GUARANTY.

Each proposal must be made in duplicate, on the forms furnished by the Department, and must be signed by the individual or partnership making same; when made by a partnership the name of each partner must be signed. If made by a corporation, proposal must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250, a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

## QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1907; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity as the interests of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test, and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 0.50 per cent.	Not more than 5 per cent ash.	Not more than 2 per cent clinker.	20 per cent.	67.47 per cent.	Not less than 14,000 British thermal units per pound.

Percentage of clinker to be determined by practical test in boiler furnaces at Hospital.

A sample carload of coal must be furnished for test when required.

Lumber to be thoroughly seasoned and in all respects first-class of the quality specified. When 12 to 16 inches is specified it is to be understood that half will be 12 and half 16 inches wide. Lumber may be delivered in carload lots on Hospital switch if preferred, when quantities permit.

## AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior; and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

## CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die, or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

## DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the superintendent of the hospital, to be delivered at the Government Hospital for the Insane, near Washington, D. C., without charge for delivery.

Coal must be delivered in carload lots on hospital switch at such times as the superintendent may direct. Bidders must state name of mine or company whose coal is offered. One-half of the coal must be delivered in wooden cars as directed.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the superintendent of the hospital, or his duly authorized agent, they are not in accordance with the contract requirements, they will be rejected. The decision of the superintendent on these points to be final.

The coal will be weighed by a representative of the department, without expense to the contractor, as required by the act of March 2, 1895.

## PAYMENTS.

Payments will be made within sixty days by the superintendent of the hospital for such articles as may be delivered in conformity with the contract and accepted, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for fuel, lumber, etc., for the Government Hospital for the Insane," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
Secretary of the Interior.

*Schedule of fuel, lumber, and building material for the Government Hospital for the Insane for fiscal year ending June 30, 1907.*

No. of item.	Estimated quantity.	Articles.	Company or mine.	Price.	
				Dollars.	Cts.
1	1,000 tons.....	Coal, white ash, stove, free-burning, delivered on hospital grounds..... —— (Here state true name of company or mine by which coal offered is generally known in market).	Per ton.....		
2	18,000 tons....	Coal, Cumberland, best run of mine, delivered on hospital grounds; to comply with requirements as to test, etc., indicated on page 2 of the specification .....	Per ton.....		
		Big Vein Cumberland.....	\$2.64	\$47,520	00
		Georges Creek.....	\$2.93	\$52,740	00

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

We, Albert H. Wilson, 45 S. Gay st., Baltimore, Md., and J. A. Bokel, 45 S. Gay st., Baltimore, Md., for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies for the Government Hospital for the Insane, according to the advertisement and specifications of May 15, 1906, shall be awarded to National Coal Co., Gay & Lombard sts., Baltimore, Md., that they, the said National Coal Co., will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said National Coal Co. to enter into contract as above, that we will forfeit and pay to the United States the sum of \* three thousand dollars (\$3,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Baltimore, Md., May 24, 1906.

Signatures of guarantors:

ALBERT H. WILSON,  
45 S. Gay st., Balto., Md.  
J. A. BOKEL,  
45 S. Gay st.

## CERTIFICATE.

The undersigned, Robt. Ogle, clerk of the supreme court, in the State of Maryland, certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at Balto. City, Md., May 24, 1906.

†ROBT. OGLE, [SEAL.]  
*Clerk.*

\*\$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

†This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

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Articles of agreement made and entered into this 9th day of July, 1906, between O. Perry Johnson and Charles H. Johnson, doing business under the firm name and style of Johnson Brothers, of Washington, District of Columbia, their heirs, executors, administrators, of the first part, and Thomas Ryan, Acting Secretary of the Interior, for and on behalf of the United States, of the second part:

Witnesseth that the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date herewith, covenants and agrees to furnish, during the fiscal year ending June 30, 1907, such articles as may be required by the Government Hospital for the Insane, and as have been accepted in the proposal of the said party of the first part, dated May 25, 1906, to wit: Item in the proposal numbered 1, @ \$5.82, Susquehanna Coal Co., at the rate or rates specified in said proposal.

The said party of the first part further agrees to furnish the articles specified in the above-mentioned item in accordance with, and subject to, the conditions expressed in the proposal and in the specifications hereto attached, which proposal and specifications enter into and form a part of this contract; and also in accordance with the samples furnished.

The party of the first part expressly agrees that the party of the second part shall have the right to order a greater or less quantity of each and every article named or referred to in this agreement as the public service may require; and further agrees that in case of failure to observe any or all of the covenants and agreements to be performed by the party of the first part under this contract, that the Secretary of the Interior alone shall determine what constitutes a failure or default hereunder, and that such decision as he may reach in the matter shall be final and conclusive.

The party of the second part hereby agrees to pay, or cause to be paid on behalf of the United States, to the said party of the first part, their heirs, executors, administrators and assigns, for all the articles delivered hereunder, the rates or prices specified in the proposal and contract.

It is further stipulated and agreed that in the performance of this contract no persons shall be employed who are undergoing sentences of imprisonment at hard labor which have been imposed by courts of the several States, Territories, or municipalities having criminal jurisdiction.

Neither this contract nor any interest therein shall be transferred by the said party of the first part to any other party or parties; and any such transfer shall cause the annulment of the contract so far as the United States is concerned. All rights of action, however, to recover for any breach of this contract by the said party of the first part are reserved to the United States.

No Member of or Delegate to Congress is or shall be admitted to any share or part in this contract, or to any benefits which may arise therefrom, and the provisions of sections 3739, 3740, and 3741 of the Revised Statutes of the United States, relating to contracts, enter into and form a part of this agreement so far as the same may be applicable.

In testimony whereof the parties aforesaid have hereunto set their hands and affixed their seals on the day and year first above written.

O. PERRY JOHNSON. [SEAL.]  
CHARLES H. JOHNSON. [SEAL.]

Doing business as Johnson Brothers.

THOS. RYAN,  
*Acting Secretary of the Interior.*

Two witnesses to each signature:

LINCOLN A. SMITH.  
CHRISTIAN D. HEMMICK.  
GEO. F. PETTY.  
GEO. F. TEACHUM.  
CHRISTIAN D. HEMMICK.  
LINCOLN A. SMITH.

[Proposals must be made and signed in duplicate.]

*Proposal—Fuel, lumber, and building material for the Government Hospital for the Insane.*

WASHINGTON, D. C., May 25, 1906.

TO THE SECRETARY OF THE INTERIOR.

SIR: The undersigned, Johnson Brothers, propose to furnish to the Department of the Interior, for the use of the Government Hospital for the Insane, during the fiscal year ending June 30, 1907, in compliance with the terms of the specifications hereto attached, all the conditions of which are hereby accepted and made a part of this proposal, any or all of the articles named in the accompanying schedule, opposite which prices have been affixed, at the rates therein stated, to be delivered at the Government Hospital for the Insane, near Washington, D. C.

The right is accorded to the Department to order a greater or less quantity of any or of all the articles embraced in this proposal, as may be required.

Respectfully,

O. PERRY JOHNSON.  
CHARLES H. JOHNSON.

Doing business as Johnson Brothers.

Place of business: 1312 F st. NW.

(Signature of each member of the firm and firm name. If a corporation, its name, and signature of the officer authorized to sign for the corporation, together with a copy, under seal, of his authority to sign.)

Names of individual members of firm: O. Perry Johnson and Charles H. Johnson.

Name of corporation: \_\_\_\_\_.

Name of president: \_\_\_\_\_.

Name of officer authorized to contract: \_\_\_\_\_.

Under what law corporation is organized: \_\_\_\_\_.

*Specifications for supplies for the Government Hospital for the Insane.*

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., May 15, 1906.

Seal proposals to furnish such coal and building material as may be required by the Government Hospital for the Insane during the fiscal year ending June 30, 1907, will be received until 2 o'clock p. m., Friday, May 25, 1906, and be opened immediately thereafter in the presence of such bidders as may attend.

PROPOSAL—GUARANTY.

Each proposal must be made in duplicate on the forms furnished by the Department, and must be signed by the individual or partnership making same. When made by a partnership the name of each partner must be signed. If made by a corporation proposals must be signed by the officer thereof authorized to bind it by contract, and be accompanied with a copy, under seal, of his authority to sign.

Proposals for coal must give the true name of the company or mine by which the coal offered is generally known in the market.

The proposal must be accompanied with a guaranty, signed by at least two responsible guarantors, that the bidder shall, within ten days after being called upon to do so, execute a contract in accordance with the terms of his proposal, and give a bond for the faithful performance thereof, with good and sufficient sureties as hereinafter required. The responsibility and sufficiency of the signers of such guaranty to be certified to by the postmaster, United States judge, United States attorney, or the clerk of a court of record at or nearest to the place of residence of the bidder. The guaranty must be in the penal sum of \$250 if the value of the articles embraced in the proposal is \$1,000 or less; of \$500 for a bid of more than \$1,000 and not exceeding \$5,000; of \$1,000 for a bid of more than \$5,000 and not exceeding \$10,000, and of \$3,000 for a bid of over \$10,000. If preferred, a certified check for like amounts, payable to the order of the Secretary of the Interior, may be filed in lieu of guaranty, the amount of said check to be forfeited to the Government in event of failure on the part of the bidder to enter into contract in accordance with the proposal. If the amount of the bid is not greater than \$250 a certified check for a sum equal to 20 per cent of said amount may be submitted in lieu of guaranty bond.

#### QUANTITY AND QUALITY OF ARTICLES.

The quantities given in the schedule are the estimated requirements for the fiscal year ending June 30, 1907; but it is to be distinctly understood that these estimates are given for information only, and no obligation upon the Government is imposed thereby, the right being reserved to order any greater or any less quantity as the interests of the service may require.

All articles must be of the best quality, unless otherwise specified in the schedule.

The coal to be thoroughly screened, free from slate, dirt, and dust.

Bituminous coal must be equal to the best grade of Cumberland coal, and 2,240 pounds shall constitute a ton of coal.

All bituminous coal supplied will be subject to test and must in every instance come up to the following minimum standard:

Moisture.	Waste.	Refuse.	Combustible volatile matter.	Fixed carbon.	Heat values.
Not more than 0.50 per cent.	Not more than 5 per cent ash.	Not more than 2 per cent clinker.	20 per cent.	67.47 per cent.	Not less than 14,000 British thermal units per pound.

Percentage of clinker to be determined by practical test in boiler furnaces at hospital.

A sample carload of coal must be furnished for test when required.

Lumber to be thoroughly seasoned and in all respects first-class of the quality specified. When 12 to 16 inches is specified it is to be understood that half will be 12 and half 16 inches wide. Lumber may be delivered in carload lots on hospital switch, if preferred, when quantities permit.

#### AWARD.

Bids will be considered on each item separately and contract awarded to the lowest responsible bidder.

If the bidder to whom the first award may be made should fail to enter into a contract as herein provided, then the award may be annulled and the contract let to the next most desirable bidder in the opinion of the Secretary of the Interior, and such bidder shall be required to fulfill every stipulation embraced herein as if he were the original party to whom the contract was awarded.

None of the contracts can in any case be lawfully transferred or assigned.

Contracts will be awarded only to established dealers in the articles offered.

No proposals will be considered from any person, firm, or corporation in default of the performance of any contract or agreement made with the Department, or that has failed to perform the same to the satisfaction of the Department, nor will any contract hereafter be awarded to such person, firm, or corporation.

#### CONTRACTOR'S BOND.

Each contractor will be required (in the discretion of the Secretary of the Interior) to give a bond in the sum of at least 50 per cent of the amount of the contract, with two responsible individual sureties or one satisfactory surety company, conditioned



upon the faithful performance by the contractor of all the covenants, stipulations, and agreements of the contract on the part of the contractor to be performed as therein set forth.

Individual sureties will be required to justify their responsibility by affidavit, showing that they severally own and possess property of the clear value in the aggregate of double the amount specified in the bond over and above all debts and liabilities and all property by law exempt from execution.

Corporate sureties, before acceptance, must show full compliance with all the requirements of the act of Congress approved August 13, 1894, relating to such corporations.

Corporate sureties on bonds are preferred to individual sureties.

If at any time during the continuance of the contract the sureties, or either of them, shall die or become irresponsible or insolvent, the Secretary of the Interior shall have the right to require additional and sufficient sureties, which the contractor shall furnish to the satisfaction of the Secretary of the Interior within ten days after notice, and in default thereof the contract may be annulled.

#### DELIVERY, INSPECTION, ETC.

Articles furnished under this proposal and contract must be delivered in such quantities as may from time to time be ordered by the superintendent of the hospital, to be delivered at the Government Hospital for the Insane near Washington, D. C., without charge for delivery.

Coal must be delivered in carload lots on hospital switch at such times as the superintendent may direct. Bidders must state name of mine or company whose coal is offered. One-half of the coal must be delivered in wooden cars as directed.

Articles must be furnished promptly as ordered. On the failure of the contractor to deliver any article within a reasonable time after it is ordered, and of satisfactory quality, the right is reserved by the Secretary of the Interior to purchase such article in open market, if the exigencies of the service require it, or to declare the contract forfeited; and if a greater price than that of the contract be paid for such articles, the difference in the total amount of the purchase will be charged to the contractor and the sureties on the bond.

Articles will be inspected within a reasonable time after delivery, and if, in the opinion of the superintendent of the hospital, or his duly authorized agent, they are not in accordance with the contract requirements, they will be rejected. The decision of the superintendent on these points to be final.

The coal will be weighed by a representative of the Department, without expense to the contractor, as required by the act of March 2, 1895.

#### PAYMENTS.

Payments will be made within sixty days by the superintendent of the hospital for such articles as may be delivered in conformity with the contract and accepted, and after proper examination and adjustment of accounts.

Payments may be withheld by the Secretary of the Interior if it shall appear to his satisfaction that the contract has not been complied with in any particular.

#### RESERVATIONS.

The Secretary of the Interior reserves the right to reject any and all bids, to waive technical defects, and to accept any part of any bid and reject the other part if, in his judgment, the interests of the Government shall require it; also the right to annul any contract if, in his opinion, there shall be a failure at any time to perform faithfully any of its stipulations, or in case of a willful attempt to impose upon the Government articles inferior to those required by the contract, and any action taken by the Secretary of the Interior in pursuance of this latter stipulation shall not affect or impair any right or claim of the United States to damages for the breach of any of the covenants of the contract by the contractor.

#### ADDRESS OF PROPOSALS.

Proposals must be securely enveloped, sealed, and indorsed (on the envelope) "Proposals for fuel, lumber, etc., for the Government Hospital for the Insane," and addressed to the Secretary of the Interior, Washington, D. C.

E. A. HITCHCOCK,  
*Secretary of the Interior.*

*Schedule of fuel, lumber, and building material for the Government Hospital for the Insane for the fiscal year ending June 30, 1907.*

No. of item.	Estimated quantity.	Articles.	Company or mine.	Price.	
				Dollars.	Cts.
1	1,000 tons.....	Coal, white ash, stove, free-burning, delivered on hospital grounds. Susquehanna Coal Co.	..... per ton..	5	82
2	18,000 tons....	Coal, Cumberland, best run of mine, delivered on hospital grounds; to comply with requirements as to test, etc., indicated on page 2 of the specification. ———. (Here state true name of company or mine by which coal offered is generally know, in market.)	..... per ton..		

GUARANTY.

[NOTE.—If preferred, a certified check may be submitted with bid in lieu of this guaranty. See page 2 of specifications.]

We, William A. H. Church and Thomas P. Stephenson, for value received, hereby guarantee and bind ourselves and each of us, our and each of our heirs, executors, administrators, and assigns, in the event that a contract for furnishing supplies for the Government Hospital for the Insane, according to the advertisement and specifications of May 15, 1906, shall be awarded to Johnson Brothers, that they, the said Johnson Brothers will, within the time limited by the specifications, enter into and duly execute, as required by the said specifications, a contract accordingly, and this guaranty is based upon and governed by the said specifications as to its scope and extent; and in case of failure of the said Johnson Brothers to enter into contract as above, that we will forfeit and pay to the United States the sum of\* one thousand dollars (\$1,000), for which forfeiture we will be jointly and severally liable as fixed and settled damages, and not as a penalty to be reduced or diminished.

Dated at Washington, D. C., May 25, 1906.

Signatures of guarantors:

WILLIAM A. H. CHURCH,  
*Eighth and C streets SW., Washington, D. C.*

THOS. P. STEPHENSON,  
*Eighth and C streets SW., Washington, D. C.*

CERTIFICATE.

The undersigned, postmaster, Washington, D. C., certifies that he is acquainted with the above guarantors and knows them to be citizens of the United States, men of property, and able to make good their guaranty.

Dated at Washington, D. C., May 25, 1906.

JOHN A. MERRITT,  
*Postmaster.*

\* \$250 for each bid of \$1,000 or less; \$500 for each bid exceeding \$1,000 and not exceeding \$5,000; \$1,000 for each bid exceeding \$5,000 and not exceeding \$10,000; \$3,000 for each bid exceeding \$10,000.

† This certificate must be signed by the postmaster, United States judge, United States attorney, United States commissioner, United States collector of internal revenue, or the clerk of a court of record at or nearest the place of residence of the bidder.

AREA OF COAL LANDS IN CERTAIN STATES.

---

L E T T E R

FROM

THE SECRETARY OF THE INTERIOR,

TRANSMITTING

A COPY OF A COMMUNICATION FROM THE COMMISSIONER OF THE GENERAL LAND OFFICE, WITH ACCOMPANYING SCHEDULES, SHOWING THE AREA OF COAL LANDS IN EACH TOWNSHIP OR FRACTION THEREOF IN CERTAIN STATES.

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FEBRUARY 15, 1907.—Referred to the Committee on Public Lands and ordered to be printed.

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DEPARTMENT OF THE INTERIOR,  
*Washington, February 13, 1907.*

SIR: On the 29th of June, 1906, the Senate passed a resolution in terms as follows:

*Resolved*, That the Secretary of State, the Secretary of the Treasury, the Secretary of War, the Attorney-General, the Postmaster-General, the Secretary of the Navy, the Secretary of the Interior, the Secretary of Agriculture, and the Secretary of Commerce and Labor be, and they are hereby, directed to inform the Senate:

First. What quantities and character of coal were purchased during the last fiscal year for the use of their Departments, or any bureau or branch thereof, and what quantities have been contracted for the ensuing fiscal year, or will be needed, stating in all cases who were or are the contracting parties, prices paid or to be paid, and giving in full forms and conditions of contracts.

Second. The Secretary of the Interior is directed to inform the Senate what areas of coal lands are now owned by the United States, with their localities.

Under date of January 4, 1907, the Department submitted to the Senate a full report upon the requirements of paragraph 1 of the resolution and a partial report on paragraph 2.

In such report it was stated that as considerable time had been consumed in collecting and assembling the data transmitted relative to coal-land areas it was not deemed advisable to further delay the report for the purpose of ascertaining from the records of the General Land Office the title of the United States to the lands in question; that steps, however, would be at once taken to secure this information and forward the same at the earliest practicable date.

This work has now been completed, and I have the honor to transmit herewith a copy of a letter from the Commissioner of the General Land Office, with accompanying schedules, showing the area of land in each township or fraction thereof in the States of Colorado, Idaho, Montana, New Mexico, North Dakota, Oregon, South Dakota, Washington, Wyoming, and Utah, title to which has passed from the United States, the areas embraced in entries not patented, and the area of vacant lands, together with the area of such lands within Indian reservations.

It will be seen therefrom that of the lands in the above-mentioned States and Territories upon which the Geological Survey reports "workable coal is known to occur" the area of patented lands aggregates 9,955,903 acres, the area embraced in entries not patented aggregates 1,593,963 acres, the area embraced in vacant lands aggregates 11,140,854 acres, and the area embraced in the Indian reservations aggregates 1,738,273 acres; furthermore, that of the lands in the above-mentioned States and Territories upon which the Geological Survey reports that "workable coal probably exists" the area of patented lands aggregates 19,646,280 acres, the area embraced in entries not patented aggregates 6,461,195 acres, the area of vacant lands aggregates 44,270,247 acres, and the area of lands embraced in Indian reservations aggregates 1,707,330 acres.

Very respectfully,

E. A. HITCHCOCK,  
*Secretary.*

The PRESIDENT OF THE UNITED STATES SENATE.

---

[Copy.]

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, February 12, 1907.*

SIR: Under date of January 4, 1907, you transmitted to this Office, for report in duplicate, certain lists which were prepared by the Geological Survey of lands containing coal and lists of lands probably containing coal. You directed that a report, in duplicate, be made as to the title to the lands in said lists.

I have the honor to transmit herewith, in duplicate, a schedule of said lands showing the area in each township or fraction thereof title to which has passed from the United States, the area embraced in entries not patented, and the area of vacant lands. A fourth column is also added showing the area of such lands within Indian reservations. A tabulated statement is also transmitted showing, in a condensed form, the area of each class by States. \* \* \*

A large force of clerks, as many as could be used to advantage, have prepared the data herewith transmitted from the tract books. The showing is not of course exact, as the status of tracts changes by entries or cancellation of entries at the local land offices, notation of which is not made on the records of this Office until some time later. However, it is believed that the statement is fairly accurate.

The papers are herewith returned.

Very respectfully,

W. A. RICHARDS,  
*Commissioner.*

The honorable SECRETARY OF THE INTERIOR.

SUMMARY.

*Lands upon which the Geological Survey state that "workable coal" is known to occur.*

[Acres.]

State.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Colorado.....	2,723,223	362,640	2,252,964	.....
Idaho.....	16,740	4,750	119,792	.....
Montana.....	1,031,902	286,059	1,066,435	.....
New Mexico.....	1,647,504	125,081	1,739,923	1,674,238
North Dakota (lignite).....	1,788,710	565,146	608,416	64,035
Oregon.....	57,044	400	1,870	.....
South Dakota.....	8,360	2,920	126,960	.....
Washington.....	487,860	16,512	31,661	.....
Wyoming.....	1,899,110	148,825	3,296,910	.....
Utah.....	295,450	81,630	1,895,593	.....
Total.....	9,955,903	1,593,963	11,140,854	1,738,273

*Lands upon which the Geological Survey state that "workable coal" probably exists.*

[Acres.]

State.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Colorado.....	1,255,745	297,995	2,994,872	132,440
Idaho.....	34,919	26,399	849,526	.....
Montana.....	7,467,612	1,027,428	21,491,230	684,310
New Mexico.....	1,306,740	78,220	3,620,380	11,520
North Dakota.....	6,132,075	4,625,490	3,058,146	828,620
Oregon.....	234,893	21,435	61,656	.....
South Dakota.....	169,560	56,860	1,430,760	.....
Washington.....	1,006,816	13,153	289,832	.....
Wyoming.....	1,725,320	299,330	8,008,435	50,440
Utah.....	272,600	14,885	2,405,410	.....
Total.....	19,646,280	6,461,195	44,270,247	1,707,330

LIST OF LANDS UPON WHICH "WORKABLE COAL" IS KNOWN TO OCCUR.

COLORADO.

*List of lands containing workable coal beds.*

SIXTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
W. $\frac{1}{4}$ T. 9 N., R. 86 W.....	880	1,520	9,120	.....
T. 9 N., R. 87 W.....	1,280	2,720	19,040	.....
T. 9 N., R. 88 W.....	1,280	3,680	18,080	.....
T. 9 N., R. 89 W.....	1,440	2,400	19,200	.....
T. 9 N., R. 90 W.....	3,720	960	18,360	.....
W. $\frac{1}{4}$ T. 8 N., R. 86 W.....	2,880	6,720	1,920	.....
T. 8 N., R. 87 W.....	1,440	14,400	7,200	.....
T. 8 N., R. 88 W.....	3,040	4,480	15,520	.....
T. 8 N., R. 89 W.....	1,440	2,400	19,200	.....
T. 8 N., R. 90 W.....	5,240	1,074	17,760	.....
T. 8 N., R. 91 W.....	1,280	.....	21,760	.....
T. 8 N., R. 92 W.....	1,280	.....	21,760	.....
T. 8 N., R. 93 W.....	1,600	80	21,360	.....

*List of lands containing workable coal beds—Continued.*

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 8 N., R. 94 W	1,440		21,600	
SE. $\frac{1}{4}$ T. 7 N., R. 80 W	2,200		3,560	
W. $\frac{1}{2}$ T. 7 N., R. 86 W	1,280	1,920	8,320	
T. 7 N., R. 87 W	2,240	12,800	8,000	
T. 7 N., R. 88 W	10,280	1,720	11,040	
T. 7 N., R. 89 W	3,680	3,200	16,160	
T. 7 N., R. 90 W	3,040	3,680	16,320	
T. 7 N., R. 91 W	1,920	1,440	19,680	
T. 7 N., R. 92 W	1,440	640	20,960	
T. 7 N., R. 93 W	1,920	1,760	19,520	
T. 6 N., R. 86 W	9,280	7,360	6,400	
T. 6 N., R. 87 W	4,320	13,280	4,000	
T. 6 N., R. 88 W	13,760	5,760	3,520	
T. 6 N., R. 89 W	9,280	960	12,800	
T. 6 N., R. 90 W	4,000	2,720	16,320	
T. 6 N., R. 91 W	14,800	4,320	3,920	
T. 6 N., R. 92 W	1,440	320	21,280	
T. 6 N., R. 93 W	1,440	640	20,960	
T. 5 N., R. 65 W	23,040			
W. $\frac{1}{2}$ T. 5 N., R. 85 W	11,520			
T. 5 N., R. 86 W	10,080	11,520	1,440	
T. 5 N., R. 87 W	8,800	6,720	7,520	
T. 5 N., R. 88 W	1,920	4,000	17,120	
T. 5 N., R. 89 W	2,400	800	19,840	
T. 5 N., R. 90 W	2,560	1,440	19,040	
T. 5 N., R. 91 W	2,240	1,920	18,880	
T. 5 N., R. 92 W	2,880	2,400	17,760	
T. 5 N., R. 93 W	2,240	960	19,840	
T. 5 N., R. 94 W	2,240	320	20,480	
T. 5 N., R. 95 W	1,440		21,600	
T. 5 N., R. 96 W	1,280	40	21,720	
T. 5 N., R. 97 W	1,410	480	21,120	
W. $\frac{1}{2}$ T. 4 N., R. 85 W	3,520	6,560	440	
T. 4 N., R. 86 W	1,440	5,600	16,000	
T. 4 N., R. 87 W	1,760	3,520	17,760	
T. 4 N., R. 88 W	2,240	4,480	16,320	
T. 4 N., R. 89 W	2,880	6,720	13,440	
T. 4 N., R. 90 W	1,920	480	20,640	
T. 4 N., R. 91 W	2,240	960	19,840	
T. 4 N., R. 92 W	2,240	1,410	19,360	
T. 4 N., R. 93 W	3,440	1,921	17,680	
T. 4 N., R. 94 W	1,760	640	20,640	
T. 4 N., R. 95 W	1,600		21,410	
T. 4 N., R. 96 W	1,280	320	21,440	
T. 4 N., R. 97 W	1,280		21,760	
T. 4 N., R. 98 W	1,280		21,760	
W. $\frac{1}{4}$ T. 3 N., R. 85 W	3,280	3,920	4,420	
T. 3 N., R. 86 W	1,440	1,280	20,320	
T. 3 N., R. 88 W	960	2,020	20,060	
T. 3 N., R. 89 W	1,600	640	20,800	
T. 3 N., R. 90 W	1,440	1,920	19,680	
T. 3 N., R. 92 W	3,680	2,560	16,800	
T. 3 N., R. 93 W	1,840	1,840	19,360	
T. 3 N., R. 94 W	1,440		21,600	
T. 3 N., R. 95 W	1,280	610	21,120	
T. 3 N., R. 98 W	1,280	320	21,440	
T. 2 N., R. 68 W	23,040			
SE. $\frac{1}{4}$ T. 2 N., R. 69 W	5,760			
W. $\frac{1}{4}$ T. 2 N., R. 92 W	1,760	640	9,170	
T. 2 N., R. 93 W	1,280	2,720	19,040	
T. 2 N., R. 94 W	1,920	480	20,640	
T. 1 N., R. 68 W	22,160	640	240	
T. 1 N., R. 69 W	22,960		80	
SE. $\frac{1}{4}$ T. 1 N., R. 70 W	5,760			
NW. $\frac{1}{4}$ T. 1 N., R. 92 W	640	160	4,960	
N. $\frac{1}{2}$ T. 1 N., R. 93 W	1,600	2,080	7,840	
T. 1 N., R. 94 W	2,080	10,720	10,240	
T. 1 S., R. 69 W	21,680		1,360	
T. 1 S., R. 70 W	23,000		40	
T. 1 S., R. 94 W	8,320		14,720	
T. 2 S., R. 94 W	3,200	320	19,520	
T. 3 S., R. 65 W	22,720		320	
T. 3 S., R. 70 W	22,000		1,040	
T. 3 S., R. 94 W	3,360	160	19,560	
SW. $\frac{1}{4}$ T. 4 S., R. 93 W	720	160	4,880	
T. 4 S., R. 94 W	2,240	320	20,480	

List of lands containing workable coal beds—Continued.

SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
SW. $\frac{1}{4}$ T. 5 S., R. 91 W.	1,760		4,000	
T. 5 S., R. 92 W.	9,240		13,800	
T. 5 S., R. 93 W.	2,000		21,040	
SW. $\frac{1}{4}$ T. 6 S., R. 89 W.	1,960		3,800	
T. 6 S., R. 90 W.	11,040		12,000	
T. 6 S., R. 91 W.	8,000	480	14,560	
T. 6 S., R. 102 W.	1,440		21,600	
T. 6 S., R. 103 W.	1,280		21,760	
T. 6 S., R. 104 W.	1,600		21,440	
T. 7 S., R. 89 W.	8,480		14,560	
T. 7 S., R. 101 W.	1,280		21,760	
T. 7 S., R. 102 W.	1,280		21,760	
T. 7 S., R. 103 W.	1,280		21,760	
T. 7 S., R. 104 W.	2,240		20,800	
T. 8 S., R. 76 W.	15,200		7,840	
T. 8 S., R. 89 W.	7,640		15,400	
T. 8 S., R. 99 W.	1,720		21,320	
T. 8 S., R. 101 W.	1,280		21,760	
T. 8 S., R. 101 W.	1,360		21,680	
N. $\frac{1}{2}$ T. 8 S., R. 104 W.	640		10,880	
T. 9 S., R. 89 W.	5,760		17,280	
T. 9 S., R. 99 W.	1,280		21,760	
T. 9 S., R. 100 W.	1,400		21,640	
T. 10 S., R. 89 W.	5,840		17,200	
T. 10 S., R. 97 W.	3,440		19,600	
T. 10 S., R. 98 W.	4,520		18,520	
T. 10 S., R. 99 W.	1,440		21,600	
T. 10 S., R. 100 W.	1,320		21,720	
T. 11 S., R. 87 W.	1,280		21,760	
T. 11 S., R. 88 W.	5,120		17,920	
T. 11 S., R. 97 W.	1,280		21,760	
T. 11 S., R. 98 W.	5,600		17,440	
T. 11 S., R. 99 W.	2,400		20,640	
T. 13 S., R. 66 W.	21,760		1,280	
W. $\frac{1}{2}$ T. 13 S., R. 85 W.	2,000		9,520	
T. 13 S., R. 86 W.	7,200		15,840	
T. 13 S., R. 87 W.	1,280		21,760	
T. 14 S., R. 64 W.	20,360		2,680	
W. $\frac{1}{2}$ T. 14 S., R. 85 W.	3,360		7,840	
T. 14 S., R. 86 W.	6,320		16,720	
T. 14 S., R. 87 W.	4,800		18,240	
T. 15 S., R. 86 W.	9,040		14,000	
T. 15 S., R. 87 W.	4,160		18,880	
T. 19 S., R. 69 W.	23,040			
T. 19 S., R. 70 W.	20,800		2,240	
T. 27 S., R. 67 W.	20,640		2,400	
SW. $\frac{1}{4}$ T. 28 S., R. 66 W.	4,840	160	760	
T. 28 S., R. 67 W.	16,320	2,240	4,400	
SW. $\frac{1}{4}$ T. 29 S., R. 65 W.	1,920	760	3,080	
T. 29 S., R. 66 W.	20,320	2,240	480	
T. 29 S., R. 68 W.	16,480		6,560	
T. 30 S., R. 65 W.	13,680	3,360	6,000	
T. 30 S., R. 66 W.	13,560	5,120	4,360	
SW. $\frac{1}{4}$ T. 31 S., R. 64 W.	2,080	960	2,720	
T. 31 S., R. 65 W.	19,680		3,360	
T. 31 S., R. 66 W.	17,280	3,920	1,840	
S. $\frac{1}{2}$ T. 32 S., R. 63 W.	8,560	800	2,160	
T. 32 S., R. 64 W.	14,880	2,640	5,520	
T. 32 S., R. 65 W.	8,800	4,320	9,920	
T. 32 S., R. 66 W.	11,600	7,760	3,680	
T. 32 S., R. 67 W.	15,120	4,960	2,960	
T. 32 S., R. 68 W.	20,120	1,840	1,080	
T. 33 S., R. 63 W.	17,920	640	4,480	
T. 33 S., R. 64 W.	17,920	1,280	3,840	
T. 33 S., R. 65 W.	11,760	4,320	6,960	
T. 33 S., R. 66 W.	16,800	2,520	3,720	
T. 33 S., R. 67 W.	13,520	2,720	6,800	
T. 33 S., R. 68 W.	4,800	480	17,760	
T. 34 S., R. 62 W.	15,520	960	6,560	
T. 34 S., R. 63 W.	8,960	160	13,920	
T. 34 S., R. 64 W.	8,160		14,880	
T. 34 S., R. 65 W.	17,280	1,920	3,840	
T. 34 S., R. 66 W.	1,920		21,120	
T. 34 S., R. 67 W.	1,320		21,720	
T. 34 S., R. 68 W.	1,280		21,760	
N. $\frac{1}{2}$ T. 35 S., R. 61 W.	4,000		19,040	
N. $\frac{1}{2}$ T. 35 S., R. 62 W.	4,480	1,440	16,720	

*List of lands containing workable coal beds—Continued.*

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
N. $\frac{1}{2}$ T. 35 S., R. 63 W	1,280	.....	21,760	.....
N. $\frac{1}{2}$ T. 35 S., R. 64 W	1,280	.....	21,760	.....
N. $\frac{1}{2}$ T. 35 S., R. 65 W	1,280	.....	21,760	.....
N. $\frac{1}{2}$ T. 35 S., R. 66 W	1,280	.....	21,760	.....
N. $\frac{1}{2}$ T. 35 S., R. 67 W	1,280	.....	21,760	.....
N. $\frac{1}{2}$ T. 35 S., R. 68 W	640	.....	22,400	.....

## NEW MEXICO MERIDIAN.

T. 35 N., R. 6 W	9,600	2,240	11,200	.....
T. 35 N., R. 7 W	12,160	2,160	8,720	.....
T. 35 N., R. 8 W	12,320	.....	10,720	.....
T. 35 N., R. 9 W	16,000	160	6,880	.....
T. 35 N., R. 10 W	5,400	640	17,000	.....
T. 35 N., R. 11 W	11,840	1,120	10,080	.....
T. 35 N., R. 12 W	6,880	320	15,840	.....
T. 35 N., R. 13 W	5,920	800	16,320	.....
T. 35 N., R. 14 W	5,440	480	17,120	.....
T. 35 N., R. 15 W	3,360	480	19,200	.....
T. 35 N., R. 16 W	10,560	1,200	11,280	.....
T. 34 $\frac{1}{2}$ N., R. 5 W	5,400	600	3,721	.....
T. 34 $\frac{1}{2}$ N., R. 6 W	2,240	620	6,866	.....
T. 34 $\frac{1}{2}$ N., R. 9 W	1,800	.....	544	.....
T. 34 $\frac{1}{2}$ N., R. 10 W	3,760	1,320	14,841	.....
T. 34 $\frac{1}{2}$ N., R. 11 W	6,380	1,100	15,560	.....
T. 34 $\frac{1}{2}$ N., R. 12 W	5,920	1,860	12,259	.....
T. 34 $\frac{1}{2}$ N., R. 13 W	1,280	640	17,620	.....
T. 34 $\frac{1}{2}$ N., R. 14 W	1,280	.....	18,294	.....
T. 34 $\frac{1}{2}$ N., R. 15 W	1,280	.....	21,760	.....
T. 34 $\frac{1}{2}$ N., R. 16 W	1,280	.....	4,672	.....
T. 34 N., R. 4 W	1,760	680	20,600	.....
T. 34 N., R. 5 W	3,840	160	19,040	.....
T. 34 N., R. 9 W	6,640	.....	16,400	.....
T. 34 N., R. 10 W	6,560	100	16,320	.....
T. 34 N., R. 11 W	1,760	160	21,120	.....
T. 34 N., R. 12 W	2,080	960	20,000	.....
T. 34 N., R. 13 W	1,280	480	21,280	.....
T. 34 N., R. 14 W	1,280	160	21,600	.....
T. 34 N., R. 15 W	1,280	.....	21,760	.....
T. 34 N., R. 16 W	1,600	160	21,280	.....
T. 34 N., R. 17 W	2,640	160	20,240	.....
T. 33 N., R. 1 W	3,560	2,440	17,040	.....
T. 33 N., R. 2 W	3,960	2,840	16,240	.....
T. 33 N., R. 3 W	5,240	1,160	16,640	.....
T. 33 N., R. 4 W	1,520	160	21,360	.....
T. 33 N., R. 11 W	.....	120	22,920	.....
T. 33 N., R. 12 W	2,640	12,600	7,800	.....
T. 33 N., R. 13 W	320	120	22,600	.....
T. 33 N., R. 14 W	.....	.....	.....	23,040
T. 33 N., R. 15 W	.....	.....	.....	23,040
T. 33 N., R. 16 W	.....	.....	.....	23,040
T. 33 N., R. 17 W	.....	.....	.....	23,040
Fractional T. 32 N., R. 1 W	1,400	1,000	11,385	.....
Fractional T. 32 N., R. 2 W	80	.....	13,705	.....
Fractional T. 32 N., R. 12 W	1,520	.....	13,840	.....
NW. $\frac{1}{4}$ T. 32 N., R. 13 W	.....	40	5,720	.....
N. $\frac{1}{8}$ T. 32 N., R. 14 W	.....	.....	.....	11,520
N. $\frac{1}{8}$ T. 32 N., R. 15 W	.....	.....	.....	11,520
N. $\frac{1}{8}$ T. 32 N., R. 16 W	.....	.....	.....	11,520
NE. $\frac{1}{4}$ T. 32 N., R. 17 W	.....	.....	.....	5,720

## UTE SURVEY.

NE. $\frac{1}{4}$ T. 1 N., R. 1 E	45	.....	5,712	.....
T. 1 S., R. 2 E	18,600	960	3,480	.....
Total	1,255,745	297,995	2,994,872	132,440



IDAHO.

*List of lands containing workable coal beds.*

BOISE MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
NE. $\frac{1}{4}$ T. 1 N., R. 43 E. ....	760	800	3,947	.....
T. 1 N., R. 44 E. ....	7,450	1,060	14,045	.....
T. 2 N., R. 40 E. ....	.....	.....	23,040	.....
T. 2 N., R. 43 E. ....	3,200	890	16,920	.....
T. 4 N., R. 44 E. ....	.....	40	23,000	.....
T. 5 N., R. 43 E. ....	.....	.....	23,040	.....
T. 5 N., R. 44 E. ....	5,330	1,960	15,800	.....
Total. ....	16,740	4,750	119,792	.....

MONTANA.

*List of lands containing workable coal beds.*

MONTANA MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 33 N., R. 19 E. ....	12,080	3,360	7,600	.....
T. 33 N., R. 15 E. ....	2,520	920	19,600	.....
T. 32 N., R. 15 E. ....	2,110	3,420	16,955	.....
T. 32 N., R. 17 W. ....	.....	.....	23,040	.....
T. 32 N., R. 20 W. ....	1,385	1,590	20,000	.....
T. 28 N., R. 57 E. ....	2,580	1,985	18,000	.....
T. 28 N., R. 56 E. ....	4,820	4,665	13,500	.....
T. 28 N., R. 55 E. ....	2,360	12,175	8,500	.....
T. 27 N., R. 17 W. ....	.....	.....	23,040	.....
T. 23 N., R. 60 W. ....	.....	.....	23,040	.....
T. 23 N., R. 59 E. ....	3,495	4,980	14,565	.....
T. 22 N., R. 16 E. ....	3,000	2,390	17,650	.....
T. 21 N., R. 59 E. ....	12,485	480	9,500	.....
T. 20 N., R. 59 E. ....	11,550	160	11,330	.....
T. 19 N., R. 59 E. ....	12,800	360	9,880	.....
T. 19 N., R. 7 E. ....	11,165	7,175	4,700	.....
T. 19 N., R. 6 E. ....	12,245	8,045	2,750	.....
T. 19 N., R. 5 E. ....	13,710	6,380	2,950	.....
T. 19 N., R. 4 E. ....	13,890	8,225	925	.....
T. 18 N., R. 58 E. ....	11,520	.....	11,520	.....
T. 18 N., R. 38 E. ....	.....	.....	23,040	.....
T. 18 N., R. 7 E. ....	12,675	6,695	3,670	.....
T. 18 N., R. 6 E. ....	16,330	5,765	945	.....
T. 18 N., R. 5 E. ....	14,065	5,690	2,285	.....
T. 18 N., R. 4 E. ....	16,050	6,350	640	.....
T. 18 N., R. 3 E. ....	12,405	8,490	2,045	.....
T. 18 N., R. 2 E. ....	8,580	12,653	1,807	.....
T. 17 N., R. 56 E. ....	12,685	2,050	5,600	.....
T. 17 N., R. 55 E. ....	11,175	1,220	10,645	.....
T. 17 N., R. 18 E. ....	10,125	8,240	4,675	.....
T. 17 N., R. 9 E. ....	16,020	5,275	1,745	.....
T. 17 N., R. 8 E. ....	13,805	6,580	2,625	.....
T. 17 N., R. 4 E. ....	15,475	7,555	.....	.....
T. 17 N., R. 3 E. ....	12,570	7,345	4,125	.....
T. 17 N., R. 2 E. ....	5,042	15,943	1,915	.....
T. 17 N., R. 4 W. ....	14,120	4,010	4,870	.....
T. 16 N., R. 20 E. ....	7,530	4,790	9,824	.....
T. 16 N., R. 13 E. ....	8,455	3,210	10,982	.....
T. 16 N., R. 12 E. ....	11,365	8,430	2,451	.....
T. 16 N., R. 11 E. ....	16,285	4,175	2,580	.....
T. 16 N., R. 9 E. ....	9,175	2,755	11,110	.....
T. 16 N., R. 3 E. ....	17,455	4,730	702	.....
T. 16 N., R. 2 E. ....	16,555	5,075	1,410	.....
T. 15 N., R. 59 E. ....	11,520	280	11,240	.....
T. 15 N., R. 57 E. ....	11,520	.....	11,520	.....
T. 15 N., R. 40 E. ....	.....	.....	23,040	.....

*List of lands containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 15 N., R. 18 E.....	15,975	3,875	3,190	.....
T. 15 N., R. 13 E.....	8,380	8,430	5,985	.....
T. 15 N., R. 12 E.....	11,620	6,650	4,487	.....
T. 15 N., R. 11 E.....	7,265	8,465	7,310	.....
T. 14 N., R. 58 E.....	11,520	.....	11,520	.....
T. 14 N., R. 54 E.....	13,845	480	8,596	.....
T. 13 N., R. 53 E.....	13,340	320	9,346	.....
T. 13 N., R. 52 E.....	12,780	160	10,100	.....
T. 13 N., R. 47 E.....	11,480	40	11,520	.....
T. 12 N., R. 52 E.....	12,951	1,735	8,036	.....
T. 12 N., R. 45 E.....	11,520	.....	11,520	.....
T. 11 N., R. 59 E.....	12,800	160	10,080	.....
T. 11 N., R. 50 E.....	13,150	825	9,065	.....
T. 11 N., R. 45 E.....	11,520	.....	11,520	.....
T. 11 N., R. 12 W.....	5,990	.....	17,050	.....
T. 11 N., R. 13 W.....	6,400	.....	16,640	.....
T. 10 N., R. 50 E.....	11,520	.....	11,520	.....
T. 10 N., R. 49 E.....	13,065	1,475	8,500	.....
T. 10 N., R. 48 E.....	12,160	.....	10,880	.....
T. 10 N., R. 47 E.....	12,160	.....	10,880	.....
T. 10 N., R. 46 E.....	11,520	.....	11,520	.....
T. 10 N., R. 12 W.....	14,285	2,475	5,280	.....
T. 10 N., R. 13 W.....	15,930	2,680	4,420	.....
T. 8 N., R. 48 E.....	13,969	145	8,926	.....
T. 8 N., R. 47 E.....	13,535	2,910	6,595	.....
T. 9 N., R. 47 E.....	12,800	.....	10,240	.....
T. 9 N., R. 46 E.....	11,520	.....	11,520	.....
T. 9 N., R. 12 W.....	8,750	1,205	13,085	.....
T. 9 N., R. 13 W.....	15,650	2,840	4,550	.....
T. 7 N., R. 61 E. (fractional).....	8,960	.....	8,960	.....
T. 7 N., R. 49 E.....	15,650	480	6,905	.....
T. 7 N., R. 48 E.....	13,200	195	9,645	.....
T. 5 N., R. 8 E.....	15,115	640	7,285	.....
Fractional T. 2 N., R. 62 E.....	.....	.....	3,840	.....
T. 2 N., R. 61 E.....	.....	.....	23,040	.....
T. 2 N., R. 60 E.....	.....	480	22,560	.....
T. 2 N., R. 58 E.....	5,000	1,840	16,200	.....
T. 2 S., R. 11 E.....	8,845	5,380	8,815	.....
T. 2 S., R. 10 E.....	7,530	3,050	12,460	.....
T. 2 S., R. 9 E.....	18,295	1,390	3,355	.....
T. 2 S., R. 8 E.....	15,965	2,110	4,965	.....
T. 2 S., R. 7 E.....	18,890	990	3,160	.....
T. 4 S., R. 22 E.....	8,605	2,660	11,775	.....
T. 5 S., R. 23 E.....	12,320	2,210	8,510	.....
T. 5 S., R. 22 E.....	2,995	1,720	18,325	.....
T. 6 S., R. 23 E.....	10,780	1,550	10,710	.....
T. 6 S., R. 22 E.....	1,875	1,435	21,165	.....
T. 7 S., R. 23 E.....	6,150	3,940	10,090	.....
T. 7 S., R. 21 E.....	8,120	2,200	12,720	.....
T. 7 S., R. 20 E.....	20,200	880	1,960	.....
T. 7 S., R. 19 E.....	10,590	240	12,210	.....
T. 8 S., R. 23 E.....	.....	.....	23,040	.....
T. 8 S., R. 21 E.....	8,040	480	14,520	.....
T. 8 S., R. 20 E.....	8,480	955	13,605	.....
T. 9 S., R. 23 E.....	.....	.....	23,040	.....
T. 9 S., R. 8 E.....	6,590	160	16,290	.....
T. 9 S., R. 7 E.....	9,250	160	13,609	.....
T. 9 S., R. 3 W.....	360	598	22,082	.....
T. 9 S., R. 4 W.....	8,000	1,830	13,147	.....
Total.....	1,031,902	286,059	1,066,435	.....

NEW MEXICO.

List of lands containing workable coal beds.

NEW MEXICO MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Fractional T. 32 N., R. 25 E.	4,830	2,210	10,240	(a)
Fractional T. 32 N., R. 24 E.	1,840	400	15,040	
Fractional T. 32 N., R. 23 E.	(b)		17,280	
Fractional T. 32 N., R. 22 E.	c17,280			
Fractional T. 32 N., R. 21 E.	c17,280			
Fractional T. 32 N., R. 20 E.	c17,280			
Fractional T. 32 N., R. 19 E.	c17,280			
Fractional T. 32 N., R. 18 E.	c17,280			
Fractional T. 32 N., R. 1 E.	6,100	160	11,020	
Fractional T. 32 N., R. 1 W.	2,036	1,060	14,184	
Fractional T. 32 N., R. 2 W.	7,010		10,270	
Fractional T. 32 N., R. 12 W.	5,752	160	11,368	
Fractional T. 32 N., R. 13 W.	2,980	840	13,460	
Fractional T. 32 N., R. 14 W.				17,280
Fractional T. 32 N., R. 15 W.				17,280
Fractional T. 32 N., R. 16 W.				17,280
T. 31 N., R. 26 E.	19,628	1,240	2,170	
T. 31 N., R. 25 E.	20,284	1,000	1,756	
T. 31 N., R. 23 E.	c23,040			
T. 31 N., R. 22 E.	c23,040			
T. 31 N., R. 21 E.	c23,040			
T. 31 N., R. 20 E.	c23,040			
T. 31 N., R. 19 E.	c23,040			
T. 31 N., R. 18 E.	c23,040			
Fractional T. 31 N., R. 1 E.	6,786	1,441	7,333	
T. 31 N., R. 1 W.	10,840	880	11,320	
T. 31 N., R. 13 W.	6,040	560	16,440	
T. 31 N., R. 14 W.				a23,040
T. 31 N., R. 15 W.				23,040
T. 30 N., R. 22 E.	23,040			
T. 30 N., R. 21 E.	23,040			
T. 30 N., R. 20 E.	23,040			
T. 30 N., R. 19 E.	23,040			
T. 30 N., R. 18 E.	23,040			
Fractional T. 30 N., R. 1 E.	18,460		6,900	
T. 30 N., R. 14 W.				d23,040
T. 30 N., R. 15 W.				d23,040
T. 30 N., R. 16 W.				d23,040
T. 29 N., R. 21 E.	c23,010			
T. 29 N., R. 20 E.	c23,040			
T. 29 N., R. 19 E.	c23,040			
T. 29 N., R. 18 E.	c23,040			
Fractional T. 29 N., R. 1 E.	11,320		4,040	
T. 28 N., R. 19 E.	23,040			
Fractional T. 28 N., R. 1 E.	340			d15,024
T. 28 N., R. 14 W.				d23,040
T. 28 N., R. 15 W.				d23,040
T. 28 N., R. 16 W.				d23,040
Fractional T. 27 N., R. 1 E.				15,364
T. 27 N., R. 14 W.				23,040
T. 27 N., R. 15 W.				23,040
T. 27 N., R. 16 W.				23,040
T. 26 N., R. 1 E.			23,040	
T. 26 N., R. 14 W.				23,040
T. 26 N., R. 15 W.				23,040
T. 26 N., R. 16 W.				23,040
T. 25 N., R. 1 E.			23,040	
T. 25 N., R. 1 W.			23,040	
T. 25 N., R. 14 W.				23,040
T. 25 N., R. 15 W.				23,040
T. 25 N., R. 16 W.				23,040
T. 24 N., R. 1 E.			23,040	
T. 24 N., R. 1 W.			23,040	
T. 24 N., R. 13 W.			23,040	
T. 24 N., R. 14 W.				23,040
T. 24 N., R. 15 W.				23,040
T. 24 N., R. 16 W.				23,040
T. 23 N., R. 1 W.			23,040	
T. 23 N., R. 12 W.	2,560		20,480	
T. 23 N., R. 13 W.			23,040	
T. 23 N., R. 14 W.				23,040

a Southern Ute Indian Reservation.  
b Unsurveyed.

c In Beaubien and Miranda grant.  
d Navajo Indian Reservation.

*List of lands containing workable coal beds—Continued.*

## NEW MEXICO MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 23 N., R. 15 W.				23,040
T. 23 N., R. 16 W.				23,040
T. 22 N., R. 10 W.	2,580	160	20,300	
T. 22 N., R. 11 W.	9,600		13,440	
T. 22 N., R. 12 W.	10,240		12,800	
T. 22 N., R. 13 W.	1,280		21,760	
T. 22 N., R. 14 W.				23,040
T. 22 N., R. 15 W.				23,040
T. 22 N., R. 16 W.				23,040
T. 21 N., R. 9 W.	10,240		12,800	
T. 21 N., R. 10 W.	10,880		10,160	
T. 21 N., R. 11 W.	10,880	320	11,840	
T. 21 N., R. 12 W.	12,800		10,240	
T. 21 N., R. 13 W.	10,880		12,160	
T. 21 N., R. 14 W.				23,040
T. 21 N., R. 15 W.				23,040
Fractional T. 21 N., R. 16 W.				14,400
T. 20 N., R. 7 W.		10,880	12,160	
T. 20 N., R. 8 W.		10,880	12,160	
T. 20 N., R. 9 W.	3,200		19,840	
T. 20 N., R. 10 W.	12,800		10,240	
T. 20 N., R. 11 W.	11,080		11,960	
T. 20 N., R. 12 W.	11,520		11,520	
T. 20 N., R. 13 W.	11,520		11,520	
T. 20 N., R. 14 W.				23,040
T. 20 N., R. 15 W.				23,040
Fractional T. 20 N., R. 16 W.				14,400
T. 19 N., R. 1 W.	7,935		15,105	
T. 19 N., R. 6 W.			23,040	
T. 19 N., R. 7 W.			23,040	
T. 19 N., R. 8 W.	8,960		14,080	
T. 19 N., R. 9 W.	11,520		11,520	
T. 19 N., R. 10 W.	11,520		11,520	
T. 19 N., R. 11 W.	12,800		10,240	
T. 19 N., R. 12 W.	12,800		10,240	
T. 19 N., R. 13 W.	12,800		10,240	
T. 19 N., R. 14 W.				23,040
T. 19 N., R. 15 W.				23,040
Fractional T. 19 N., R. 16 W.				14,400
T. 18 N., R. 2 W.		320	22,720	
T. 18 N., R. 5 W.			23,040	
T. 18 N., R. 6 W.	2,560	160	20,340	
T. 18 N., R. 7 W.	11,520	320	11,200	
T. 18 N., R. 8 W.	12,800		10,240	
T. 18 N., R. 9 W.	12,800		10,240	
T. 18 N., R. 10 W.	12,800	160	10,080	
T. 18 N., R. 11 W.	12,800		10,240	
T. 18 N., R. 12 W.	12,800		10,240	
T. 18 N., R. 13 W.	12,800		10,240	
Fractional T. 18 N., R. 16 W.				1,920
Fractional T. 18 N., R. 17 W.				960
Fractional T. 18 N., R. 18 W.				960
Fractional T. 18 N., R. 19 W.				960
Fractional T. 18 N., R. 20 W.				960
T. 17 N., R. 2 W.	15,360		7,680	
T. 17 N., R. 3 W.			23,040	
T. 17 N., R. 4 W.			23,040	
T. 17 N., R. 5 W.			23,040	
T. 17 N., R. 6 W.	11,520		11,520	
T. 17 N., R. 7 W.	12,800		10,240	
T. 17 N., R. 8 W.	12,800		10,240	
T. 17 N., R. 9 W.	12,800		10,240	
T. 17 N., R. 10 W.	12,800		10,240	
T. 17 N., R. 11 W.	12,800		10,240	
P. 17 N., R. 12 W.	12,800		10,240	
T. 17 N., R. 13 W.	12,800		10,240	
T. 17 N., R. 14 W.	1,570			21,470
T. 17 N., R. 15 W.	1,680			21,360
T. 17 N., R. 16 W.	12,730		600	9,660
T. 17 N., R. 17 W.	1,200		600	
T. 17 N., R. 18 W.	1,200		600	
T. 17 N., R. 19 W.	1,200		600	
T. 17 N., R. 20 W.	1,200		600	
T. 16 N., R. 12 E.	4,695	1,120	17,225	
T. 16 N., R. 4 W.	12,680		10,400	
T. 16 N., R. 5 W.	14,240		8,800	

List of lands containing workable coal beds—Continued.

NEW MEXICO MERIDIAN—Continued.

[Aeres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 16 N., R. 6 W	12,160	60	10,820	
T. 16 N., R. 7 W	12,860		10,180	
T. 16 N., R. 9 W	12,800		10,240	
T. 16 N., R. 10 W	12,800		10,240	
T. 16 N., R. 11 W	12,800		10,240	
T. 16 N., R. 12 W	12,800		10,240	
T. 16 N., R. 13 W	12,800		10,240	
T. 16 N., R. 14 W	12,800		10,240	
T. 16 N., R. 15 W	12,800		10,240	
T. 16 N., R. 16 W	12,800	240	10,000	
T. 16 N., R. 17 W	12,800		10,240	
T. 16 N., R. 18 W	14,240		8,800	
T. 16 N., R. 19 W	12,800		10,240	
T. 16 N., R. 20 W		11,520	11,520	
Fractional T. 16 N., R. 21 W	6,400		5,120	
T. 15 N., R. 9 W	12,800		10,240	
T. 15 N., R. 10 W	12,800		10,240	
T. 15 N., R. 11 W	12,800	80	10,160	
T. 15 N., R. 12 W	12,800		10,240	
T. 15 N., R. 13 W	12,800		10,240	
T. 15 N., R. 17 W	12,800	320	9,920	
T. 15 N., R. 18 W	16,120		6,920	
T. 15 N., R. 19 W	13,360		9,680	
T. 15 N., R. 20 W	12,800		10,240	
Fractional T. 15 N., R. 21 W	6,400		5,120	
T. 14 N., R. 8 E	10,788		12,252	
T. 14 N., R. 9 E	3,320	1,160	18,560	
T. 14 N., R. 9 W	12,800		10,240	
T. 14 N., R. 17 W	8,960	160	13,920	
T. 14 N., R. 18 W	13,100		9,920	
T. 14 N., R. 19 W	12,800		10,240	
T. 14 N., R. 20 W	12,960		10,080	
T. 13 N., R. 9 E	4,080	1,260	17,700	
T. 13 N., R. 6 E	7,600	770	14,670	
T. 13 N., R. 17 W	12,800	320	9,920	
T. 13 N., R. 18 W	12,800		10,240	
T. 13 N., R. 19 W	12,800		10,240	
T. 13 N., R. 20 W	12,800		10,240	
T. 12 N., R. 16 W	7,640	7,680	40	7,680
T. 12 N., R. 17 W				<sup>a</sup> 23,040
T. 12 N., R. 18 W	12,800	320	9,920	
T. 12 N., R. 19 W	12,800	160	10,080	
T. 11 N., R. 16 W	12,800		2,560	7,680
T. 11 N., R. 17 W				<sup>a</sup> 23,040
T. 11 N., R. 18 W	7,680		5,120	10,240
T. 10 N., R. 16 W	10,560	80	4,720	7,680
T. 10 N., R. 17 W				<sup>a</sup> 23,040
T. 9 N., R. 15 W	12,800		10,240	
T. 9 N., R. 16 W	12,800		10,240	
T. 9 N., R. 17 W	8,900		8,380	5,760
T. 8 N., R. 15 W	12,800		10,240	
T. 8 N., R. 16 W	12,320		10,720	
T. 8 N., R. 17 W	12,800		10,240	
T. 7 N., R. 16 W	1,280	11,520	10,240	
T. 7 N., R. 17 W	640	12,160	10,240	
T. 5 N., R. 16 W	1,280	3,840	17,920	
T. 5 N., R. 17 W	1,280	2,080	19,680	
T. 5 N., R. 18 W	1,280	7,680	14,080	
T. 5 N., R. 19 W	1,280	11,520	10,240	
T. 5 N., R. 20 W	1,280	11,520	10,240	
T. 4 N., R. 16 W	1,560		21,480	
T. 4 N., R. 17 W	1,280		21,760	
T. 4 N., R. 18 W	1,440	240	21,360	
T. 3 S., R. 2 E			23,040	
T. 8 S., R. 14 E	3,880	3,680	15,480	
T. 9 S., R. 14 E	8,070	2,440	12,290	

<sup>a</sup>All in Zuni Indian Reservation.

*List of lands containing workable coal beds—Continued.*NAVAJO BASE LINE AND PRINCIPAL MERIDIAN.<sup>a</sup>

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 1 N., R. 1 W.				
T. 1 N., R. 2 W.				
T. 1 N., R. 3 W.				
T. 1 N., R. 4 W.				
T. 2 N., R. 1 W.				
T. 2 N., R. 2 W.				
T. 2 N., R. 3 W.				
T. 2 N., R. 4 W.				
T. 3 N., R. 1 W.				
T. 3 N., R. 2 W.				
T. 3 N., R. 3 W.				
T. 3 N., R. 4 W.				
T. 4 N., R. 1 W.				
T. 4 N., R. 2 W.				
T. 4 N., R. 3 W.				
T. 4 N., R. 4 W.				
T. 5 N., R. 1 W.				
T. 5 N., R. 2 W.				
T. 5 N., R. 3 W.				
T. 6 N., R. 1 W.				
T. 6 N., R. 2 W.				
T. 6 N., R. 3 W.				
T. 7 N., R. 1 W.				
T. 7 N., R. 2 W.				
T. 7 N., R. 3 W.				
T. 8 N., R. 1 W.				
T. 9 N., R. 1 W.				
T. 10 N., R. 1 W.				
28 townships, containing				645, 120
Total	1, 647, 504	125, 081	1, 739, 923	1, 674, 238

<sup>a</sup> All in Navajo Indian Reservation.

## NORTH DAKOTA.

*List of lands containing beds of lignite 4 feet or more in thickness.*

## FIFTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Fractional T. 164 N., R. 93 W.	3, 990	1, 385		
T. 162 N., R. 91 W.	18, 747	4, 225		
T. 162 N., R. 92 W.	14, 705	7, 775	835	
T. 162 N., R. 93 W.	13, 038	9, 592	353	
T. 161 N., R. 88 W.	20, 153	1, 085	136	
T. 161 N., R. 91 W.	15, 080	7, 060	900	
T. 160 N., R. 88 W.	20, 749	1, 710	210	
T. 160 N., R. 89 W.	20, 510	2, 036	540	
T. 159 N., R. 88 W.	17, 805	5, 074	425	
T. 158 N., R. 85 W.	14, 241	8, 352	600	
T. 156 N., R. 84 W.	15, 276	3, 866	1, 232	
T. 156 N., R. 85 W.	15, 853	6, 246	820	
T. 156 N., R. 86 W.	19, 010	4, 255	80	
T. 156 N., R. 94 W.	7, 572	11, 652	3, 850	
T. 155 N., R. 83 W.	16, 970	5, 278	781	
T. 155 N., R. 81 W.	15, 405	5, 485	980	
T. 155 N., R. 85 W.	16, 782	5, 910	155	
T. 155 N., R. 89 W.	6, 880	14, 160	650	
T. 155 N., R. 92 W.	4, 668	16, 740	1, 235	
T. 155 N., R. 94 W.	2, 790	7, 868	12, 420	
T. 155 N., R. 96 W.	3, 720	9, 900	9, 360	
T. 155 N., R. 100 W.	6, 430	10, 425	6, 220	
T. 155 N., R. 101 W.	4, 440	10, 970	7, 640	
T. 154 N., R. 88 W.	3, 675	18, 737	565	

List of lands containing beds of lignite 4 feet or more in thickness—Continued.

FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 154 N., R. 96 W	11, 158	4, 309	5, 826	
T. 154 N., R. 97 W	6, 367	4, 206	10, 795	
T. 154 N., R. 100 W	8, 697	4, 660	9, 434	
T. 154 N., R. 101 W	12, 971	6, 244	2, 402	
T. 154 N., R. 102 W	7, 270	13, 305	1, 780	
T. 153 N., R. 91 W	2, 680	16, 890	2, 470	
T. 153 N., R. 98 W	2, 080	2, 527	16, 685	
T. 153 N., R. 99 W	1, 800	6, 837	12, 401	
T. 153 N., R. 100 W	3, 978	7, 155	10, 191	
T. 152 N., R. 81 W	16, 471	6, 001	672	
T. 152 N., R. 82 W	13, 877	8, 159	962	
T. 152 N., R. 93 W	920		6, 760	15, 360
T. 151 N., R. 79 W	13, 665	8, 890	360	
T. 151 N., R. 100 W	1, 800	5, 930	15, 210	
T. 150 N., R. 78 W	11, 385	10, 440	1, 198	
T. 150 N., R. 79 W	9, 390	10, 650	2, 935	
T. 150 N., R. 101 W	1, 680	18, 067	2, 983	
T. 149 N., R. 101 W	1, 600	11, 675	9, 485	
T. 148 N., R. 85 W	6, 062	14, 745	1, 535	
T. 148 N., R. 90 W	6, 870	160		15, 320
T. 147 N., R. 83 W	18, 000	4, 440	600	
T. 147 N., R. 84 W	17, 195	2, 922	490	
T. 147 N., R. 86 W	18, 332	2, 368	395	
T. 147 N., R. 89 W	9, 468			10, 840
T. 147 N., R. 90 W	5, 865	40		15, 315
T. 147 N., R. 95 W			23, 040	
T. 147 N., R. 96 W	12, 770	160	9, 990	
T. 147 N., R. 103 W	12, 575	160	9, 860	
T. 146 N., R. 81 W	19, 975	2, 870		
T. 146 N., R. 82 W	19, 905	2, 655	40	
T. 146 N., R. 83 W	22, 250	800		
T. 146 N., R. 84 W	18, 365	2, 000	1, 110	
T. 146 N., R. 85 W	19, 940	2, 230	640	
T. 146 N., R. 91 W	9, 370	1, 440	4, 805	7, 200
T. 146 N., R. 93 W	12, 725	3, 545	6, 650	
T. 146 N., R. 94 W	13, 215	1, 790	7, 925	
T. 146 N., R. 101 W	8, 560		14, 480	
T. 146 N., R. 102 W	9, 920		13, 120	
T. 146 N., R. 103 W	12, 665		10, 080	
T. 145 N., R. 80 W	16, 990	5, 465	355	
T. 145 N., R. 84 W	18, 640	2, 455	240	
T. 145 N., R. 86 W	18, 300	4, 435	240	
T. 145 N., R. 93 W	12, 940	6, 540	3, 520	
T. 145 N., R. 100 W	11, 520		11, 520	
T. 145 N., R. 101 W	11, 520		11, 520	
T. 145 N., R. 102 W	11, 520		11, 520	
T. 144 N., R. 81 W	18, 765	2, 175		
T. 144 N., R. 84 W	14, 240	4, 055	1, 605	
T. 144 N., R. 85 W	14, 345	5, 655	2, 460	
T. 144 N., R. 87 W	14, 490	7, 005	1, 250	
T. 144 N., R. 88 W	13, 290	6, 970	2, 725	
T. 144 N., R. 89 W	12, 115	6, 060	4, 060	
T. 144 N., R. 99 W	12, 940	160	10, 205	
T. 144 N., R. 102 W	12, 795		10, 265	
T. 144 N., R. 103 W	13, 005		10, 485	
T. 144 N., R. 104 W	13, 160	155	10, 275	
T. 143 N., R. 80 W	18, 710		4, 195	
T. 143 N., R. 81 W	18, 970	1, 440	270	
T. 143 N., R. 83 W	15, 055	5, 920	2, 075	
T. 143 N., R. 87 W	12, 475	8, 550	1, 360	
T. 143 N., R. 102 W	12, 445		9, 845	
T. 142 N., R. 79 W	22, 720	320		
T. 142 N., R. 80 W	21, 690	1, 180		
T. 142 N., R. 84 W	15, 200	7, 240	530	
T. 142 N., R. 85 W	15, 680	6, 720	605	
T. 142 N., R. 86 W	15, 280	7, 280	430	
T. 142 N., R. 92 W	13, 440	2, 545	7, 010	
T. 142 N., R. 93 W	14, 880	4, 160	3, 985	
T. 142 N., R. 101 W	12, 730	160	10, 075	
T. 142 N., R. 102 W	12, 400	160	10, 445	
T. 141 N., R. 89 W	21, 120	1, 440	440	
T. 141 N., R. 83 W	17, 000	5, 440	660	
T. 141 N., R. 86 W	17, 440	4, 720	905	
T. 141 N., R. 101 W	12, 455	900	9, 650	
T. 140 N., R. 95 W	18, 920	2, 700	2, 235	
T. 140 N., R. 96 W	22, 090	640	1, 045	

List of lands containing beds of lignite 4 feet or more in thickness—Continued.

FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 140 N., R. 98 W .....	15,840	3,640	4,340	.....
T. 140 N., R. 99 W .....	14,895	6,720	2,050	.....
T. 140 N., R. 101 W .....	13,075	.....	10,470	.....
T. 140 N., R. 102 W .....	14,145	720	9,190	.....
T. 140 N., R. 104 W .....	13,620	6,680	3,485	.....
T. 139 N., R. 84 W .....	20,450	2,110	40	.....
T. 139 N., R. 85 W .....	22,940	.....	.....	.....
T. 139 N., R. 87 W .....	15,280	1,965	5,590	.....
T. 139 N., R. 94 W .....	21,485	1,075	320	.....
T. 139 N., R. 95 W .....	18,420	4,105	320	.....
T. 139 N., R. 96 W .....	20,750	2,120	.....	.....
T. 139 N., R. 97 W .....	18,305	2,635	1,870	.....
T. 139 N., R. 98 W .....	16,355	2,905	3,840	.....
T. 139 N., R. 99 W .....	15,565	5,555	1,760	.....
T. 139 N., R. 100 W .....	12,815	5,595	4,010	.....
T. 139 N., R. 102 W .....	12,825	440	9,505	.....
T. 139 N., R. 104 W .....	12,795	1,280	8,965	.....
T. 138 N., R. 85 W .....	18,370	3,760	880	.....
T. 138 N., R. 86 W .....	18,385	2,205	2,130	.....
T. 138 N., R. 88 W .....	17,085	1,915	3,980	.....
T. 137 N., R. 89 W .....	14,590	2,880	5,550	.....
T. 137 N., R. 102 W .....	12,440	80	10,540	.....
T. 136 N., R. 97 W .....	13,270	4,310	5,445	.....
T. 136 N., R. 101 W .....	13,070	.....	10,515	.....
T. 136 N., R. 102 W .....	12,800	1,140	9,115	.....
T. 136 N., R. 104 W .....	12,570	1,145	9,325	.....
T. 135 N., R. 96 W .....	15,395	6,185	1,460	.....
T. 135 N., R. 98 W .....	12,755	6,565	3,720	.....
T. 135 N., R. 101 W .....	12,750	320	9,970	.....
T. 135 N., R. 104 W .....	13,075	630	9,335	.....
T. 135 N., R. 105 W .....	12,585	805	9,650	.....
T. 134 N., R. 104 W .....	12,930	2,080	8,030	.....
T. 133 N., R. 104 W .....	12,870	2,040	8,130	.....
T. 133 N., R. 105 W .....	12,630	540	9,870	.....
Total .....	1,788,710	565,146	608,446	64,035

OREGON.

List of lands containing workable coal beds.

WILLAMETTE MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Fractional T. 25 S., R. 13 W .....	13,080	.....	1,200	.....
T. 26 S., R. 13 W .....	22,204	400	.....	.....
T. 27 S., R. 13 W .....	21,760	.....	670	.....
Total .....	57,044	400	1,870	.....



SOUTH DAKOTA.

*List of lands containing workable coal beds.*

BLACK HILLS MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 22 N., R. 6 E .....	1,320	520	21,200	.....
T. 21 N., R. 7 E .....	1,440	.....	21,600	.....
T. 20 N., R. 8 E .....	1,600	640	20,800	.....
T. 20 N., R. 10 E.....	1,280	480	21,280	.....
T. 19 N., R. 8 E .....	1,280	.....	21,760	.....
T. 18 N., R. 7 E .....	1,440	1,280	20,320	.....
Total.....	8,360	2,920	126,960	.....

WASHINGTON.

*List of lands containing workable coal beds.*

SIXTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 39 N., R. 6 E.....	1,680	3,120	18,240	.....
T. 37 N., R. 4 E.....	18,900	420	1,511	.....
T. 35 N., R. 5 E.....	21,316	.....	700	.....
T. 35 N., R. 6 E.....	21,432	500	460	.....
T. 34 N., R. 6 E.....	15,730	3,550	4,324	.....
T. 29 N., R. 6 E.....	21,724	.....	.....	.....
T. 24 N., R. 5 E.....	17,240	1,600	.....	.....
T. 23 N., R. 5 E.....	20,200	.....	1,355	.....
T. 23 N., R. 6 E.....	22,696	.....	.....	.....
T. 22 N., R. 6 E.....	22,726	.....	.....	.....
T. 22 N., R. 7 E.....	21,928	.....	.....	.....
T. 21 N., R. 6 E.....	21,886	.....	.....	.....
T. 21 N., R. 7 E.....	22,800	.....	653	.....
T. 20 N., R. 5 E.....	22,199	.....	.....	.....
T. 19 N., R. 6 E.....	22,800	.....	195	.....
T. 18 N., R. 6 E.....	22,760	.....	285	.....
T. 16 N., R. 2 W .....	23,021	.....	.....	.....
T. 15 N., R. 1 E.....	22,819	.....	.....	.....
T. 15 N., R. 6 E.....	22,560	.....	330	.....
T. 14 N., R. 1 W .....	23,053	.....	.....	.....
T. 14 N., R. 2 W .....	21,714	.....	.....	.....
T. 12 N., R. 5 E.....	11,954	7,322	3,578	.....
T. 9 N., R. 2 W .....	22,262	.....	.....	.....
T. 8 N., R. 2 W .....	22,330	.....	.....	.....
Total.....	487,860	16,512	31,661	.....

## WYOMING.

*List of lands containing workable coal beds.*

## SIXTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
S. $\frac{1}{2}$ T. 58 N., R. 84 W	1,720	1,160	8,640	
S. $\frac{1}{2}$ T. 58 N., R. 85 W	2,480	600	8,440	
S. $\frac{1}{2}$ T. 58 N., R. 99 W	640		10,880	
S. $\frac{1}{2}$ R. 58 N., R. 100 W	640		10,880	
T. 57 N., R. 76 W	2,240	2,000	18,800	
T. 57 N., R. 77 W	1,350		21,690	
T. 57 N., R. 84 W	13,440	880	8,720	
T. 57 N., R. 85 W	12,520	1,520	9,000	
T. 57 N., R. 98 W	1,280		21,760	
T. 57 N., R. 99 W	1,280		21,760	
T. 56 N., R. 76 W	2,860	540	19,640	
T. 56 N., R. 77 W	4,400	1,760	16,880	
T. 56 N., R. 84 W	18,400	2,960	1,680	
T. 56 N., R. 85 W	12,440	5,040	5,560	
T. 56 N., R. 98 W	1,280		21,760	
T. 55 N., R. 85 W	19,120	2,440	1,480	
T. 55 N., R. 86 W	12,200	1,280	9,560	
T. 55 N., R. 102 W	2,240		20,860	
E. $\frac{1}{2}$ T. 55 N., R. 103 W	5,160	480	5,880	
T. 54 N., R. 61 W	9,440	2,600	11,000	
T. 54 N., R. 77 W	1,760	3,360	17,920	
T. 54 N., R. 79 W	4,040	600	18,400	
T. 54 N., R. 102 W	3,200	1,040	18,800	
T. 53 N., R. 77 W	2,200	2,120	18,720	
T. 53 N., R. 101 W	8,800	3,180	11,060	
T. 52 N., R. 82 W	8,550	1,700	12,790	
T. 52 N., R. 100 W	10,560	160	12,320	
T. 52 N., R. 101 W	14,360	1,560	7,120	
T. 51 N., R. 64 W	9,200	2,600	11,240	
T. 51 N., R. 73 W	1,640	720	20,680	
T. 51 N., R. 81 W	12,660	420	9,960	
T. 51 N., R. 82 W	16,170	920	5,950	
SW. $\frac{1}{4}$ T. 51 N., R. 93 W	1,600	40	4,120	
T. 51 N., R. 100 W	18,080	960	4,000	
T. 51 N., R. 101 W	9,460	640	12,940	
E. $\frac{1}{2}$ T. 51 N., R. 102 W	4,480	360	6,680	
T. 50 N., R. 61 W	5,960	2,320	14,760	
T. 50 N., R. 72 W	2,000	3,480	17,560	
T. 50 N., R. 81 W	6,960	1,600	14,480	
T. 50 N., R. 92 W	3,400	1,860	17,780	
T. 50 N., R. 93 W	3,720	480	18,840	
T. 50 N., R. 100 W	8,640	640	13,760	
T. 50 N., R. 101 W	2,320	2,040	18,680	
T. 49 N., R. 63 W	7,240	4,580	11,220	
T. 49 N., R. 100 W	6,480	2,400	14,160	
T. 49 N., R. 101 W	7,240	2,160	13,640	
T. 48 N., R. 63 W	4,460	4,630	13,950	
T. 48 N., R. 99 W	1,440		21,600	
T. 48 N., R. 100 W	3,420	1,400	18,120	
T. 48 N., R. 101 W	3,800	4,200	15,040	
T. 47 N., R. 63 W	3,640	1,430	17,970	
T. 47 N., R. 99 W	2,680	320	20,040	
T. 47 N., R. 100 W	1,960	800	20,280	
T. 47 N., R. 101 W	7,000	3,390	12,650	
SW. $\frac{1}{2}$ T. 46 N., R. 61 W	5,300	120	300	
T. 46 N., R. 62 W	7,580	4,710	10,750	
T. 46 N., R. 98 W	1,920	480	20,640	
T. 46 N., R. 99 W	2,680	560	19,800	
NW. $\frac{1}{4}$ T. 45 N., R. 61 W	4,520		1,240	
NE. $\frac{1}{4}$ T. 45 N., R. 62 W	3,390		2,370	
W. $\frac{1}{2}$ T. 45 N., R. 89 W	640		10,880	
T. 44 N., R. 93 W	1,280	320	21,440	
T. 44 N., R. 94 W	4,780	2,020	16,240	
T. 44 N., R. 95 W	8,400	240	14,400	
T. 44 N., R. 96 W	3,280	160	19,600	
T. 44 N., R. 97 W	2,780		20,260	
T. 44 N., R. 98 W	1,440	680	20,920	
W. $\frac{1}{2}$ T. 39 N., R. 113 W	640		10,880	
T. 39 N., R. 114 W	1,280		21,760	
W. $\frac{1}{2}$ T. 38 N., R. 113 W	640		10,880	
T. 38 N., R. 114 W	1,280		21,760	
W. $\frac{1}{2}$ T. 37 N., R. 113 W	800	120	10,600	
T. 37 N., R. 114 W	1,280		21,760	

List of lands containing workable coal beds—Continued.

SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
W. $\frac{1}{2}$ T. 37 N., R. 115 W	640		10,880	
T. 37 N., R. 116 W	1,280		21,760	
T. 37 N., R. 117 W	1,280		21,760	
T. 36 N., R. 114 W	1,280	630	21,130	
E. $\frac{1}{2}$ T. 36 N., R. 116 W	640		10,880	
T. 36 N., R. 117 W	1,280		21,760	
E. $\frac{1}{2}$ T. 36 N., R. 118 W	640		10,880	
W. $\frac{1}{2}$ T. 35 N., R. 115 W	640		10,880	
T. 35 N., R. 116 W	1,280		21,760	
T. 35 N., R. 117 W	1,280		21,760	
E. $\frac{1}{2}$ T. 35 N., R. 118 W	640		10,880	
T. 34 N., R. 76 W	1,800	1,280	19,960	
T. 34 N., R. 77 W	2,320	1,360	19,360	
T. 34 N., R. 88 W	1,440	800	20,800	
Fractionl T. 34 N., R. 98 W	4,560	175	4,290	
T. 34 N., R. 115 W	1,280		21,760	
T. 34 N., R. 116 W	1,280		21,760	
T. 34 N., R. 117 W	1,280		21,760	
T. 33 N., R. 73 W	5,580	2,600	14,860	
T. 33 N., R. 75 W	13,200	2,080	7,760	
T. 33 N., R. 86 W	2,320	600	20,120	
T. 33 N., R. 115 W	1,280		21,760	
W. $\frac{1}{2}$ T. 33 N., R. 116 W	640		10,880	
E. $\frac{1}{2}$ T. 33 N., R. 117 W	640		10,880	
T. 32 N., R. 115 W	1,280		21,760	
T. 32 N., R. 117 W	1,280		21,760	
T. 31 N., R. 115 W	1,280		21,760	
T. 31 N., R. 117 W	1,280		21,760	
T. 30 N., R. 115 W	1,280		21,760	
SW. $\frac{1}{4}$ T. 30 N., R. 116 W			5,760	
NE. $\frac{1}{4}$ T. 30 N., R. 117 W			5,760	
T. 29 N., R. 115 W	1,280		21,760	
T. 29 N., R. 116 W	1,280		21,760	
T. 28 N., R. 113 W	2,480	240	20,320	
NE. $\frac{1}{4}$ T. 28 N., R. 114 W		160	5,600	
SW. $\frac{1}{4}$ T. 28 N., R. 115 W			5,760	
T. 28 N., R. 116 W	1,280		21,760	
T. 27 N., R. 113 W	1,440		21,600	
W. $\frac{1}{2}$ T. 27 N., R. 115 W	720	480	10,320	
E. $\frac{1}{2}$ T. 27 N., R. 116 W	640	160	10,720	
T. 26 N., R. 90 W	1,280	400	21,360	
T. 26 N., R. 91 W	1,600	160	21,280	
T. 26 N., R. 92 W	1,280		21,760	
T. 26 N., R. 113 W	6,890	160	15,990	
T. 26 N., R. 115 W	1,400	900	20,740	
E. $\frac{1}{2}$ T. 26 N., R. 116 W	640	800	10,080	
S. $\frac{1}{2}$ T. 25 N., R. 83 W	5,120	480	5,920	
S. $\frac{1}{2}$ T. 25 N., R. 84 W	3,240		8,280	
T. 25 N., R. 85 W	2,040	200	20,800	
E. $\frac{1}{2}$ T. 25 N., R. 86 W	1,160	200	21,680	
T. 25 N., R. 90 W	3,240		19,800	
T. 25 N., R. 91 W	1,320		21,720	
T. 25 N., R. 92 W	1,280		21,760	
T. 25 N., R. 115 W	1,760	1,160	20,120	
E. $\frac{1}{2}$ T. 25 N., R. 116 W	640	640	10,240	
SW. $\frac{1}{4}$ T. 24 N., R. 80 W	3,520	320	1,920	
T. 24 N., R. 81 W	13,920	680	8,440	
T. 24 N., R. 82 W	13,120		9,920	
T. 24 N., R. 83 W	12,800	1,120	9,120	
T. 24 N., R. 84 W	12,800		10,240	
T. 24 N., R. 85 W	11,760		11,280	
T. 24 N., R. 89 W	12,480		10,560	
T. 24 N., R. 90 W	13,200		9,840	
T. 24 N., R. 91 W	4,520		18,520	
T. 24 N., R. 92 W	2,240		20,800	
W. $\frac{1}{2}$ T. 24 N., R. 115 W	640	160	10,720	
T. 24 N., R. 116 W	1,920	4,040	17,080	
SW. $\frac{1}{4}$ T. 23 N., R. 79 W	3,200		2,560	
T. 23 N., R. 80 W	14,080	320	8,640	
T. 23 N., R. 81 W	13,480		9,560	
T. 23 N., R. 82 W	12,800		10,240	
T. 23 N., R. 83 W	12,800		10,240	
T. 23 N., R. 84 W	13,200		9,840	
T. 23 N., R. 85 W	12,800		10,240	
T. 23 N., R. 89 W	12,800		10,240	

*List of lands containing workable coal beds—Continued.*

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 23 N., R. 90 W	12,800		10,240	
T. 23 N., R. 91 W	12,800		10,240	
T. 23 N., R. 92 W	12,800		10,240	
W. $\frac{1}{2}$ T. 23 N., R. 115 W	640		10,880	
T. 23 N., R. 116 W	1,920	2,280	18,840	
T. 22 N., R. 79 W	12,960		10,080	
T. 22 N., R. 80 W	14,280	800	7,960	
T. 22 N., R. 81 W	15,440	320	7,280	
T. 22 N., R. 82 W	13,760	640	8,640	
T. 22 N., R. 83 W	12,800		10,240	
T. 22 N., R. 84 W	13,120		9,920	
N. $\frac{1}{2}$ & SE. $\frac{1}{4}$ T. 22 N., R. 85 W	9,600	560	7,120	
W. $\frac{1}{2}$ T. 22 N., R. 88 W	6,400		5,120	
T. 22 N., R. 89 W	12,800		10,240	
T. 22 N., R. 90 W	12,800		10,240	
T. 22 N., R. 91 W	12,840		10,200	
T. 22 N., R. 92 W	12,840		10,200	
E. $\frac{1}{2}$ T. 22 N., R. 93 W	6,400		5,120	
S. $\frac{1}{4}$ T. 22 N., R. 103 W	6,400		5,120	
W. $\frac{1}{2}$ T. 22 N., R. 115 W	1,560	320	9,640	
T. 22 N., R. 116 W	6,000	4,040	13,000	
T. 21 N., R. 79 W	12,900		10,140	
T. 21 N., R. 80 W	15,600	160	7,280	
T. 21 N., R. 81 W	12,800	400	9,840	
T. 21 N., R. 82 W	13,440	480	9,120	
T. 21 N., R. 83 W	12,960		10,080	
N. $\frac{1}{2}$ T. 21 N., R. 84 W	6,400		5,120	
NE. $\frac{1}{4}$ T. 21 N., R. 85 W	3,300		2,430	
W. $\frac{1}{2}$ T. 21 N., R. 87 W	7,160	640	3,720	
T. 21 N., R. 88 W	12,900		10,140	
T. 21 N., R. 89 W	13,320		9,720	
T. 21 N., R. 90 W	12,800		10,240	
T. 21 N., R. 91 W	12,800		10,240	
T. 21 N., R. 92 W	12,800		10,240	
E. $\frac{1}{2}$ T. 21 N., R. 93 W	6,400		5,120	
T. 21 N., R. 101 W	12,800		10,240	
T. 21 N., R. 102 W	16,480		6,560	
T. 21 N., R. 103 W	15,360		7,680	
T. 21 N., R. 104 W	13,440		9,600	
W. $\frac{1}{2}$ T. 21 N., R. 115 W	3,640	40	7,840	
T. 21 N., R. 116 W	10,600	1,000	11,440	
E. $\frac{1}{2}$ T. 21 N., R. 117 W	760	440	10,320	
T. 20 N., R. 77 W	18,140	480	3,420	
T. 20 N., R. 78 W	14,620	160	8,260	
T. 20 N., R. 79 W	14,970	160	6,840	
N. $\frac{1}{2}$ T. 20 N., R. 80 W	8,480	600	1,440	
N. $\frac{1}{2}$ T. 20 N., R. 81 W	8,160	440	2,920	
T. 20 N., R. 82 W	13,600	480	8,960	
E. $\frac{1}{2}$ T. 20 N., R. 83 W	7,040	160	4,320	
T. 20 N., R. 87 W	13,200		9,840	
T. 20 N., R. 88 W	12,840	80	10,120	
T. 20 N., R. 89 W	12,800		10,240	
T. 20 N., R. 90 W	12,320	160	9,500	
T. 20 N., R. 91 W	12,290		9,380	
T. 20 N., R. 92 W	12,120		9,600	
T. 20 N., R. 93 W	12,800		10,240	
T. 20 N., R. 101 W	11,270		9,720	
W. $\frac{1}{2}$ T. 20 N., R. 104 W	7,960		3,560	
T. 20 N., R. 105 W	12,500		10,040	
T. 20 N., R. 116 W	15,200		7,840	
T. 20 N., R. 117 W	8,880		14,160	
T. 19 N., R. 77 W	16,480	480	6,080	
T. 19 N., R. 78 W	17,960	1,640	3,440	
T. 19 N., R. 85 W	13,440		9,600	
T. 19 N., R. 86 W	12,960	480	9,600	
N. $\frac{1}{4}$ T. 19 N., R. 87 W	6,480		5,040	
W. $\frac{1}{2}$ T. 19 N., R. 88 W	6,720		4,800	
T. 19 N., R. 89 W	13,080	160	9,800	
T. 19 N., R. 90 W	13,360		9,680	
T. 19 N., R. 91 W	12,800		10,240	
T. 19 N., R. 92 W	12,800		10,240	
T. 19 N., R. 93 W	12,800		10,240	
T. 19 N., R. 100 W	13,240	520	9,280	
T. 19 N., R. 101 W	12,800	160	10,080	
W. $\frac{1}{2}$ T. 19 N., R. 104 W	8,640		2,880	
T. 19 N., R. 105 W	15,800		7,960	

List of lands containing workable coal beds—Continued.

SIXTH PRINCIPAL MERIDIAN—Continued.

[Aeres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
W. $\frac{1}{2}$ T. 19 N., R. 116 W . . . . .	8,880	160	2,480	.....
T. 19 N., R. 117 W . . . . .	12,920	640	9,480	.....
T. 18 N., R. 89 W . . . . .	13,440	.....	9,600	.....
T. 18 N., R. 90 W . . . . .	12,960	.....	10,080	.....
T. 18 N., R. 91 W . . . . .	12,800	.....	10,240	.....
T. 18 N., R. 92 W . . . . .	12,800	.....	10,240	.....
T. 18 N., R. 100 W . . . . .	12,800	.....	10,240	.....
T. 18 N., R. 105 W . . . . .	15,680	.....	7,360	.....
W. $\frac{1}{2}$ T. 18 N., R. 116 W . . . . .	6,640	320	4,560	.....
T. 18 N., R. 117 W . . . . .	15,200	160	7,680	.....
T. 17 N., R. 89 W . . . . .	5,280	360	17,400	.....
T. 17 N., R. 90 W . . . . .	8,520	.....	14,520	.....
T. 17 N., R. 91 W . . . . .	10,380	.....	12,660	.....
T. 17 N., R. 92 W . . . . .	12,480	.....	10,560	.....
T. 17 N., R. 117 W . . . . .	13,480	.....	9,560	.....
E. $\frac{1}{2}$ T. 17 N., R. 118 W . . . . .	6,400	.....	5,120	.....
W. $\frac{1}{2}$ T. 16 N., R. 88 W . . . . .	1,960	520	9,040	.....
T. 16 N., R. 89 W . . . . .	5,850	2,080	15,110	.....
T. 16 N., R. 90 W . . . . .	2,640	.....	20,400	.....
T. 16 N., R. 91 W . . . . .	2,120	.....	20,920	.....
T. 16 N., R. 117 W . . . . .	13,320	120	9,600	.....
T. 16 N., R. 118 W . . . . .	14,440	160	8,440	.....
T. 16 N., R. 120 W . . . . .	14,440	.....	8,600	.....
T. 15 N., R. 88 W . . . . .	7,660	240	15,140	.....
T. 15 N., R. 89 W . . . . .	2,320	480	20,240	.....
T. 15 N., R. 90 W . . . . .	1,480	160	21,400	.....
E. $\frac{1}{2}$ T. 15 N., R. 91 W . . . . .	640	.....	10,880	.....
T. 15 N., R. 118 W . . . . .	14,000	320	8,720	.....
T. 15 N., R. 119 W . . . . .	13,350	960	8,730	.....
T. 15 N., R. 120 W . . . . .	17,160	200	5,680	.....
W. $\frac{1}{2}$ T. 14 N., R. 87 W . . . . .	1,900	.....	9,620	.....
T. 14 N., R. 88 W . . . . .	1,320	320	21,400	.....
T. 14 N., R. 89 W . . . . .	2,620	1,120	19,300	.....
T. 14 N., R. 90 W . . . . .	1,560	.....	21,480	.....
W. $\frac{1}{2}$ T. 14 N., R. 118 W . . . . .	7,050	160	4,310	.....
T. 14 N., R. 119 W . . . . .	13,850	520	8,670	.....
T. 13 N., R. 87 W . . . . .	1,960	1,040	20,040	.....
T. 13 N., R. 88 W . . . . .	5,110	1,920	16,010	.....
T. 13 N., R. 89 W . . . . .	6,270	640	16,130	.....
T. 13 N., R. 119 W . . . . .	17,600	2,350	3,090	.....
N. $\frac{1}{2}$ T. 12 N., R. 87 W . . . . .	1,410	1,280	8,830	.....
N. $\frac{1}{2}$ T. 12 N., R. 88 W . . . . .	1,960	600	8,960	.....
N. $\frac{1}{2}$ T. 12 N., R. 89 W . . . . .	3,860	630	7,030	.....
Total. . . . .	1,899,110	148,825	3,296,910	.....

UTAH.

List of lands containing workable coal beds.

SALT LAKE MERIDIAN.

[Aeres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 3 N., R. 5 E. (SE. $\frac{1}{4}$ ) . . . . .	4,480	.....	1,288	.....
T. 2 N., R. 5 E . . . . .	17,980	660	4,780	.....
T. 4 S., R. 5 E . . . . .	20,530	80	1,605	.....
T. 12 S., R. 6 E . . . . .	3,495	.....	19,470	.....
T. 12 S., R. 7 E . . . . .	14,130	1,240	7,565	.....
T. 12 S., R. 8 E . . . . .	.....	.....	23,040	.....
T. 12 S., R. 9 E . . . . .	1,120	.....	22,020	.....
T. 12 S., R. 10 E . . . . .	6,150	560	13,950	.....
T. 12 S., R. 11 E . . . . .	8,080	640	14,100	.....
T. 12 S., R. 12 E . . . . .	5,755	1,535	15,890	.....
T. 12 S., R. 13 E . . . . .	880	640	21,520	.....

## List of lands containing workable coal beds—Continued.

## SALT LAKE MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 13 S., R. 6 E.	6,425		15,500	
T. 13 S., R. 7 E.	7,750		13,235	
T. 13 S., R. 8 E.	2,920	2,400	17,715	
T. 13 S., R. 9 E.	5,220	440	16,235	
T. 13 S., R. 10 E. (S. $\frac{1}{2}$ )	2,360	160	9,000	
T. 13 S., R. 11 E.	4,110	4,035	14,700	
T. 13 S., R. 12 E.	2,615	8,035	10,685	
T. 13 S., R. 13 E.	2,240	8,570	10,125	
T. 13 S., R. 14 E.	2,940	1,380	16,800	
T. 14 S., R. 6 E.	5,440	5,325	11,975	
T. 14 S., R. 7 E.	720	980	21,330	
T. 14 S., R. 13 E.			23,040	
T. 14 S., R. 14 E.	13,125	400	9,435	
T. 14 S., R. 15 E.	3,915	4,690	14,320	
T. 15 S., R. 6 E.	2,555	1,960	17,790	
T. 15 S., R. 7 E.	2,560		20,480	
T. 15 S., R. 8 E.	2,560		20,480	
T. 15 S., R. 14 E.	8,055	560	14,395	
T. 15 S., R. 15 E.	2,640	1,800	18,600	
T. 15 S., R. 26 E. (N. $\frac{1}{2}$ )			11,520	
T. 16 S., R. 6 E.	2,865	160	19,780	
T. 16 S., R. 7 E.	6,505	1,900	12,985	
T. 16 S., R. 8 E.	2,600	3,210	16,665	
T. 16 S., R. 14 E. (E. $\frac{1}{2}$ )			11,520	
T. 16 S., R. 15 E.	2,560		20,480	
T. 16 S., R. 24 E.			23,040	
T. 16 S., R. 25 E.			23,040	
T. 16 S., R. 26 E. (W. $\frac{1}{2}$ )			11,520	
T. 17 S., R. 6 E.	2,560		20,250	
T. 17 S., R. 7 E.	2,610	5,080	14,140	
T. 17 S., R. 14 E. (E. $\frac{1}{2}$ )			11,520	
T. 17 S., R. 15 E.			23,040	
T. 17 S., R. 16 E.			23,040	
T. 17 S., R. 17 E.			23,040	
T. 17 S., R. 18 E.			23,040	
T. 17 S., R. 23 E.			23,040	
T. 17 S., R. 24 E.			23,040	
T. 17 S., R. 25 E.			23,040	
T. 17 S., R. 26 E. (N. $\frac{1}{2}$ )			11,520	
T. 18 S., R. 5 E.			23,040	
T. 18 S., R. 6 E.			23,040	
T. 18 S., R. 7 E.	1,080	520	18,760	
T. 18 S., R. 14 E. (E. $\frac{1}{2}$ )	360	320	10,920	
T. 18 S., R. 15 E.			23,040	
T. 18 S., R. 16 E.			23,040	
T. 18 S., R. 17 E.			23,040	
T. 18 S., R. 18 E.			23,040	
T. 18 S., R. 22 E.			23,040	
T. 18 S., R. 23 E.			23,040	
T. 18 S., R. 24 E. (NW. $\frac{1}{4}$ )			5,760	
T. 19 S., R. 5 E.			23,040	
T. 19 S., R. 6 E.			23,040	
T. 19 S., R. 7 E. (W. $\frac{1}{2}$ )			11,520	
T. 19 S., R. 15 E.			23,040	
T. 19 S., R. 16 E.			23,040	
T. 19 S., R. 17 E.			23,040	
T. 19 S., R. 18 E.			23,040	
T. 19 S., R. 20 E.	4,120		18,920	
T. 19 S., R. 21 E.			23,040	
T. 19 S., R. 22 E.			23,040	
T. 19 S., R. 23 E. (NW. $\frac{1}{4}$ )			5,760	
T. 20 S., R. 5 E.			23,040	
T. 20 S., R. 6 E.			23,040	
T. 20 S., R. 16 E. (NE. $\frac{1}{4}$ )	195	525	4,840	
T. 20 S., R. 17 E.			23,040	
T. 20 S., R. 18 E.			23,040	
T. 20 S., R. 19 E.			23,040	
T. 20 S., R. 20 E.			23,040	
T. 20 S., R. 21 E.			23,040	
T. 20 S., R. 22 E. (NW. $\frac{1}{4}$ )			5,760	
T. 21 S., R. 4 E.			23,040	
T. 21 S., R. 5 E.			23,040	
T. 21 S., R. 6 E.	2,320	80	20,640	
T. 21 S., R. 18 E.			23,040	
T. 21 S., R. 19 E. (N. $\frac{1}{2}$ )			11,520	
T. 21 S., R. 20 E. (N. $\frac{1}{2}$ )			11,520	

List of lands containing workable coal beds—Continued.

SALT LAKE MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 22 S., R. 4 E	5,200		17,120	
T. 22 S., R. 5 E	2,640		20,400	
T. 23 S., R. 3 E	10,555		11,995	
T. 23 S., R. 4 E	1,520	1,680	19,840	
T. 24 S., R. 3 E			23,040	
T. 24 S., R. 4 E	1,240		21,800	
T. 34 S., R. 8 W	3,920	40	19,080	
T. 34 S., R. 9 W. (SE. $\frac{1}{4}$ )	920		4,840	
T. 35 S., R. 8 W	3,730	800	15,810	
T. 35 S., R. 9 W	5,725	2,840	14,475	
T. 35 S., R. 10 W	1,795	240	21,000	
T. 36 S., R. 9 W	3,090	940	19,585	
T. 36 S., R. 10 W	7,310	2,280	13,480	
T. 36 S., R. 11 W. (E. $\frac{1}{2}$ )	4,070	440	6,975	
T. 37 S., R. 9 W			23,040	
T. 37 S., R. 10 W	16,965	2,260	3,825	
T. 37 S., R. 11 W	4,785	760	17,205	
T. 37 S., R. 12 W. (W. $\frac{1}{2}$ )	2,590		8,940	
T. 37 S., R. 13 W	2,040	80	20,920	
T. 37 S., R. 14 W. (E. $\frac{1}{2}$ )	1,760	440	9,320	
T. 38 S., R. 10 W	14,535	5,390	5,395	
T. 38 S., R. 11 W	9,225	5,075	11,755	
T. 38 S., R. 12 W	2,420	480	20,125	
T. 38 S., R. 13 W. (N. $\frac{1}{2}$ )	880		10,640	
Total	295,450	81,630	1,895,893	

LIST OF LANDS UPON WHICH "WORKABLE COAL" PROBABLY EXISTS.

COLORADO.

List of lands probably containing workable coal beds.

SIXTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
W. $\frac{1}{2}$ T. 12 N., R. 86 W	1,000	760	9,040	
S. $\frac{1}{2}$ T. 12 N., R. 87 W	320	840	10,360	
S. $\frac{1}{2}$ T. 12 N., R. 88 W	760	160	9,880	
T. 11 N., R. 66 W	12,500	160	9,920	
T. 11 N., R. 67 W	17,400	5,400	240	
T. 11 N., R. 68 W	14,680	7,720	640	
W. $\frac{1}{2}$ T. 11 N., R. 86 W	640	680	10,200	
T. 11 N., R. 87 W	1,280	1,520	20,240	
T. 11 N., R. 88 W	960	640	21,560	
S. $\frac{1}{2}$ T. 10 N., R. 64 W	6,720	480	4,320	
T. 10 N., R. 65 W	13,520	2,360	7,160	
T. 10 N., R. 66 W	14,880	5,680	2,480	
T. 10 N., R. 67 W	14,080	7,720	1,240	
E. $\frac{1}{2}$ T. 10 N., R. 68 W	6,080	3,840	1,600	
W. $\frac{1}{2}$ T. 10 N., R. 86 W	640		10,880	
T. 10 N., R. 87 W	13,240	320	9,480	
T. 10 N., R. 88 W	1,280		21,760	
T. 9 N., R. 62 W	5,640	2,240	15,160	
T. 9 N., R. 63 W	13,600	960	8,480	
T. 9 N., R. 64 W	13,080	5,240	4,720	
T. 9 N., R. 65 W	12,040	8,560	1,440	
T. 9 N., R. 66 W	14,240	8,000	800	
T. 9 N., R. 67 W	12,800	9,280	960	
T. 8 N., R. 62 W	4,800	960	17,280	
T. 8 N., R. 63 W	12,800	8,240	2,000	

*List of lands probably containing workable coal beds—Continued.*

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 8 N., R. 64 W	13,840	8,280	920	
T. 8 N., R. 65 W	16,320	6,400	320	
T. 8 N., R. 66 W	13,600	9,120	320	
T. 8 N., R. 67 W	12,800	8,600	1,640	
T. 8 N., R. 95 W	1,600	160	21,280	
T. 7 N., R. 62 W	6,400	1,760	14,880	
T. 7 N., R. 63 W	12,880	8,720	1,440	
T. 7 N., R. 64 W	12,800	9,600	640	
T. 7 N., R. 65 W	20,320	2,720		
T. 7 N., R. 66 W	21,920	760	360	
S. $\frac{1}{2}$ T. 7 N., R. 67 W	10,240		1,280	
SW. $\frac{1}{4}$ T. 7 N., R. 77 W	1,280	560	3,920	
T. 7 N., R. 78 W	3,480	4,000	15,560	
T. 7 N., R. 79 W	6,800	760	15,480	
T. 7 N., R. 95 W	6,200	720	16,120	
T. 7 N., R. 96 W	5,640	1,000	16,400	
T. 6 N., R. 62 W	7,840	1,280	13,920	
T. 6 N., R. 63 W	14,080	4,960	4,000	
T. 6 N., R. 64 W	12,800	9,920	320	
T. 6 N., R. 65 W	22,240	800		
N. $\frac{1}{2}$ T. 6 N., R. 66 W	11,520			
T. 6 N., R. 77 W	240		22,800	
T. 6 N., R. 78 W	5,520	2,800	14,720	
T. 6 N., R. 79 W	5,320	1,640	16,080	
T. 6 N., R. 97 W	2,280	320	20,440	
T. 6 N., R. 98 W	2,400	3,000	17,640	
T. 6 N., R. 99 W	1,840	2,600	18,600	
T. 5 N., R. 62 W	13,920	960	8,160	
T. 5 N., R. 63 W	14,320	4,800	3,920	
T. 5 N., R. 64 W	18,360	3,520	1,160	
T. 5 N., R. 66 W	22,280	540	220	
T. 5 N., R. 67 W	19,160	3,800	80	
T. 5 N., R. 77 W	1,400		21,640	
T. 5 N., R. 78 W	5,680	760	16,600	
T. 5 N., R. 79 W	160		22,880	
T. 4 N., R. 63 W	14,600	920	7,520	
T. 4 N., R. 64 W	14,720	3,360	4,960	
T. 4 N., R. 65 W	8,960	1,760	12,320	
T. 4 N., R. 66 W	22,400		640	
T. 4 N., R. 67 W	22,280	760		
T. 4 N., R. 77 W		640	22,400	
T. 4 N., R. 78 W			23,040	
T. 4 N., R. 79 W			23,040	
T. 3 N., R. 64 W	15,840	960	6,240	
T. 3 N., R. 65 W	17,460	880	4,700	
T. 3 N., R. 66 W	18,080	3,520	1,440	
T. 3 N., R. 67 W	23,040			
T. 3 N., R. 68 W	22,880	160		
T. 3 N., R. 77 W	1,960	1,080	20,000	
T. 3 N., R. 78 W	1,880		21,160	
T. 3 N., R. 79 W		680	22,360	
T. 3 N., R. 81 W	5,880	1,400	15,760	
T. 3 N., R. 99 W	2,160	360	10,520	
S. $\frac{1}{2}$ T. 3 N., R. 100 W	80		11,360	
T. 3 N., R. 101 W	640	160	22,240	
T. 3 N., R. 102 W	640		22,400	
T. 3 N., R. 103 W	640	160	22,240	
Fractional T. 3 N., R. 104 W			7,040	
T. 2 N., R. 65 W	21,760	640	640	
T. 2 N., R. 66 W	19,680	2,880	480	
T. 2 N., R. 67 W	22,600	1,440		
T. 2 N., R. 77 W	6,100	840	16,100	
T. 2 N., R. 78 W	3,800	320	18,920	
T. 2 N., R. 80 W	2,080	6,900	14,060	
T. 2 N., R. 86 W	2,240	320	20,480	
T. 2 N., R. 87 W			23,040	
N. $\frac{1}{2}$ T. 2 N., R. 99 W	40		11,480	
T. 2 N., R. 100 W	1,280	280	21,480	
T. 2 N., R. 101 W	1,000	1,000	21,040	
T. 2 N., R. 102 W	40		23,000	
T. 2 N., R. 103 W			23,040	
T. 1 N., R. 65 W	10,720	800	11,520	
T. 1 N., R. 66 W	19,920	3,040	80	
T. 1 N., R. 67 W	22,720	320		
T. 1 N., R. 101 W	400		22,640	
T. 1 N., R. 102 W	3,440	480	19,120	



List of lands probably containing workable coal beds—Continued.

SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 1 S., R. 65 W	22,720	320		
T. 1 S., R. 66 W	22,880		160	
T. 1 S., R. 67 W	22,720	320		
T. 1 S., R. 68 W	23,040			
T. 1 S., R. 79 W	2,520	3,680	16,840	
E. $\frac{1}{2}$ T. 1 S., R. 80 W	640	3,920	6,960	
T. 2 S., R. 65 W	22,880	160		
T. 2 S., R. 66 W	22,240	640	160	
T. 2 S., R. 67 W	23,040			
T. 2 S., R. 68 W	23,040			
T. 2 S., R. 69 W	23,040			
T. 2 S., R. 70 W	23,040			
T. 3 S., R. 64 W	21,560		1,480	
T. 3 S., R. 66 W	16,320	3,860	2,860	
T. 3 S., R. 67 W	23,040			
T. 3 S., R. 68 W	23,040			
T. 3 S., R. 69 W	23,040			
T. 4 S., R. 64 W	19,200	3,520	320	
T. 4 S., R. 65 W	22,880	160		
T. 4 S., R. 66 W	23,040			
T. 4 S., R. 67 W	23,040			
T. 4 S., R. 68 W	23,040			
T. 4 S., R. 69 W	23,040			
T. 5 S., R. 64 W	18,480	3,280	1,280	
T. 5 S., R. 65 W	22,720	320		
T. 5 S., R. 66 W	22,960	80		
T. 5 S., R. 67 W	23,040			
T. 5 S., R. 68 W	23,040			
T. 5 S., R. 69 W	23,040			
T. 6 S., R. 64 W	22,320	720		
T. 6 S., R. 65 W	22,680	360		
T. 6 S., R. 66 W	23,040			
T. 6 S., R. 67 W	23,040			
T. 6 S., R. 68 W	23,040			
E. $\frac{1}{2}$ T. 6 S., R. 69 W	11,520			
T. 7 S., R. 64 W	23,040			
T. 7 S., R. 65 W	23,040			
T. 7 S., R. 66 W	22,880	160		
T. 7 S., R. 67 W	22,560	480		
T. 7 S., R. 68 W	23,040			
T. 7 S., R. 75 W	5,300	80	17,660	
T. 7 S., R. 76 W	2,720		20,320	
SW. $\frac{1}{4}$ T. 7 S., R. 88 W	3,840		1,920	
NE. $\frac{1}{4}$ T. 7 S., R. 90 W		80	5,680	
T. 8 S., R. 63 W	23,040			
T. 8 S., R. 64 W	23,040			
T. 8 S., R. 65 W	23,040			
T. 8 S., R. 66 W	23,040			
T. 8 S., R. 67 W	23,040			
T. 8 S., R. 68 W	20,960	440	1,640	
T. 8 S., R. 75 W	11,320	400	11,320	
W. $\frac{1}{2}$ T. 8 S., R. 88 W	2,200	280	9,040	
T. 9 S., R. 63 W	23,000	40		
T. 9 S., R. 64 W	23,040			
T. 9 S., R. 65 W	23,040			
T. 9 S., R. 66 W	23,040			
T. 9 S., R. 67 W	22,960		80	
T. 9 S., R. 75 W	5,960	120	16,960	
T. 9 S., R. 76 W	10,120		12,920	
W. $\frac{1}{2}$ T. 9 S., R. 88 W	960	360	10,200	
T. 10 S., R. 63 W	22,720	320		
T. 10 S., R. 64 W	23,040			
T. 10 S., R. 65 W	23,040			
T. 10 S., R. 66 W	23,040			
T. 10 S., R. 67 W	23,040			
T. 10 S., R. 75 W	3,440		19,600	
T. 10 S., R. 76 W	14,320		8,720	
SW. $\frac{1}{4}$ T. 10 S., R. 87 W		200	5,560	
T. 10 S., R. 88 W	3,000	240	19,800	
T. 11 S., R. 63 W	22,880	160		
T. 11 S., R. 64 W	23,040			
T. 11 S., R. 65 W	23,040			
T. 11 S., R. 66 W	23,040			
E. $\frac{1}{2}$ T. 11 S., R. 67 W	9,580		1,940	
T. 11 S., R. 89 W	1,840		21,200	
T. 12 S., R. 63 W	22,880	160		

List of lands probably containing workable coal beds—Continued.

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 12 S., R. 64 W.	23,040			
T. 12 S., R. 65 W.	23,040			
T. 12 S., R. 66 W.	22,960		80	
E. $\frac{1}{4}$ T. 12 S., R. 67 W.	6,360		5,160	
T. 12 S., R. 87 W.			23,040	
T. 12 S., R. 88 W.	320	320	22,400	
T. 12 S., R. 89 W.			23,040	
T. 12 S., R. 90 W.			23,040	
T. 12 S., R. 91 W.		440	22,600	
T. 12 S., R. 92 W.			23,040	
T. 12 S., R. 93 W.			23,040	
T. 12 S., R. 94 W.	2,140	2,920	17,980	
T. 12 S., R. 95 W.		720	22,320	
T. 12 S., R. 96 W.			23,040	
T. 12 S., R. 97 W.			23,040	
T. 12 S., R. 98 W.	1,560	40	21,200	
T. 13 S., R. 63 W.	19,160	1,440	2,440	
T. 13 S., R. 64 W.	21,240	120	1,680	
T. 13 S., R. 95 W.	21,440	320	1,280	
NE. $\frac{1}{4}$ T. 13 S., R. 67 W.	5,140		520	
T. 13 S., R. 88 W.	240		22,800	
T. 13 S., R. 89 W.	880	160	22,000	
T. 13 S., R. 90 W.	6,680		16,360	
T. 13 S., R. 91 W.	6,820	800	15,420	
T. 13 S., R. 92 W.	1,363	1,600	20,077	
T. 13 S., R. 93 W.	1,560	1,840	19,640	
T. 13 S., R. 94 W.	16,650	4,200	6,390	
T. 13 S., R. 95 W.	6,540	1,820	15,680	
T. 13 S., R. 96 W.	400		22,640	
T. 13 S., R. 97 W.			23,040	
N. $\frac{1}{2}$ T. 13 S., R. 98 W.	1,360		10,160	
T. 14 S., R. 63 W.	18,960	520	3,560	
T. 14 S., R. 65 W.	22,060		760	
T. 14 S., R. 88 W.			23,040	
T. 14 S., R. 89 W.	80	240	22,720	
T. 14 S., R. 90 W.			23,040	
T. 14 S., R. 91 W.	6,600	440	16,000	
T. 14 S., R. 92 W.	13,680	2,440	6,920	
T. 14 S., R. 93 W.	10,960	3,710	8,370	
T. 14 S., R. 94 W.	8,150	3,840	11,050	
N. $\frac{1}{2}$ T. 14 S., R. 95 W.	8,800	2,010	710	
N. $\frac{1}{2}$ T. 14 S., R. 96 W.			11,520	
T. 15 S., R. 85 W.	4,440	480	18,120	
T. 15 S., R. 88 W.			23,040	
T. 15 S., R. 89 W.	160		22,880	
T. 15 S., R. 90 W.			23,040	
T. 15 S., R. 91 W.	4,440	320	18,280	
T. 20 S., R. 69 W.	19,420	1,080	2,540	
NE. $\frac{1}{4}$ T. 20 S., R. 70 W.	5,720		40	
T. 27 S., R. 68 W.	5,800	6,240	12,000	
T. 28 S., R. 68 W.	4,360	7,700	10,980	
T. 29 S., R. 67 W.	9,460	4,520	9,060	
S. $\frac{1}{2}$ T. 33 S., R. 62 W.	4,840	3,200	3,480	
T. 34 S., R. 60 W.	2,400	1,440	19,200	
T. 34 S., R. 61 W.	7,400	3,180	12,460	
N. $\frac{1}{2}$ T. 35 S., R. 58 W.	960	800	9,760	
N. $\frac{1}{2}$ T. 35 S., R. 59 W.	1,920	1,740	8,500	
N. $\frac{1}{2}$ T. 35 S., R. 60 W.	3,580	1,120	6,820	

## NEW MEXICO PRINCIPAL MERIDIAN.

N. $\frac{1}{2}$ T. 32 N., R. 3 W.	1,520	600	9,400	
N. $\frac{1}{2}$ T. 32 N., R. 4 W.	2,320	320	8,880	
N. $\frac{1}{2}$ T. 32 N., R. 5 W.	3,200	1,640	6,680	
N. $\frac{1}{2}$ T. 32 N., R. 6 W.	1,760	7,660	2,100	
N. $\frac{1}{2}$ T. 32 N., R. 7 W.	4,000	4,920	2,600	
N. $\frac{1}{2}$ T. 32 N., R. 8 W.		40	11,480	
N. $\frac{1}{2}$ T. 32 N., R. 9 W.	360	200	10,960	
N. $\frac{1}{2}$ T. 32 N., R. 10 W.	320	520	10,670	
N. $\frac{1}{2}$ T. 32 N., R. 11 W.		280	11,240	
T. 33 N., R. 5 W.	4,840	1,640	18,200	
T. 33 N., R. 6 W.	1,680	2,480	18,880	
T. 33 N., R. 7 W.	11,680	5,640	5,720	

List of lands probably containing workable coal beds—Continued.

NEW MEXICO PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 33 N., R. 8 W.		10,720	12,320	
T. 33 N., R. 9 W.	4,080	3,620	15,340	
T. 33 N., R. 10 W.	2,780	720	19,540	
T. 34 N., R. 6 W. <sup>a</sup>	3,040	1,240	5,446	
T. 34 N., R. 7 W. <sup>a</sup>	4,430	2,280	3,028	
T. 34 N., R. 8 W. <sup>a</sup>	2,350	2,040	5,310	
T. 34 N., R. 6 W. <sup>b</sup>		1,580	11,519	
T. 34 N., R. 7 W. <sup>b</sup>	13,720	4,560	1,382	
T. 34 N., R. 8 W. <sup>b</sup>	16,520	640	2,532	
T. 34½ N., Rs. 7 and 8 W. <sup>c</sup>				
Total.....	2,723,223	362,640	2,252,964	

<sup>a</sup> Outside Ute lands.

<sup>b</sup> Inside Ute lands.

<sup>c</sup> No such townships.

IDAHO.

List of lands probably containing workable coal beds.

BOISE MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 6 N., R. 43 E.		640	21,760	
T. 6 N., R. 44 E.	4,640	13,280	5,080	
T. 4 N., R. 44 E. <sup>a</sup>			23,040	
T. 3 N., R. 43 E.			23,040	
T. 3 N., R. 44 E.			11,640	
T. 3 N., R. 45 E.	9,840	1,400	7,680	
Fractional T. 3 N., R. 46 E.			21,280	
T. 2 N., R. 41 E.	1,280	480	23,040	
T. 2 N., R. 42 E.			22,800	
T. 2 N., R. 44 E.	160	80	23,040	
T. 2 N., R. 45 E.			7,680	
Fractional T. 2 N., R. 46 E.			23,040	
T. 1 N., R. 40 E.			23,040	
T. 1 N., R. 41 E.			23,040	
T. 1 N., R. 42 E.			17,160	
S. ½ and NW. ¼ T. 1 N., R. 43 E.		120	23,040	
T. 1 N., R. 45 E.			7,680	
Fractional T. 1 N., R. 46 E.			5,760	
SE. ¼ T. 1 S., R. 39 E.			11,520	
S. ½ T. 1 S., R. 40 E.			23,040	
T. 1 S., R. 41 E.			23,040	
T. 1 S., R. 42 E.			23,040	
T. 1 S., R. 43 E.			23,040	
T. 1 S., R. 44 E.			19,367	
T. 1 S., R. 45 E.	1,747	1,242	5,760	
NE. ¼ T. 2 S., R. 39 E.			11,520	
N. ¼ T. 2 S., R. 40 E.			11,520	
E. ½ T. 2 S., R. 41 E.			23,040	
T. 2 S., R. 42 E.			23,040	
T. 2 S., R. 43 E.			23,040	
T. 2 S., R. 44 E.			18,666	
T. 2 S., R. 45 E.	553	1,365	5,520	
NE. ¼ T. 3 S., R. 42 E.		240	14,288	
N. ¼ and SE. ¼ T. 3 S., R. 43 E.	2,420	320	23,040	
T. 3 S., R. 44 E.			23,040	
T. 3 S., R. 45 E.			4,845	
E. ½ T. 4 S., R. 43 E.	3,301	1,560	22,760	
T. 4 S., R. 44 E.		280	23,040	
T. 4 S., R. 45 E.			7,855	
Fractional T. 4 S., R. 46 E.	2,475	1,200	2,440	
NE. ¼ T. 5 S., R. 43 E.	2,060	1,100		

<sup>a</sup> See list of lands containing coal.

*List of lands probably containing workable coal beds—Continued.*

## BOISE MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
N. $\frac{1}{2}$ T. 5 S., R. 44 E.			11,520	
T. 5 S., R. 45 E.			23,040	
Fractional T. 5 S., R. 46 E.	3,203	1,612	6,705	
T. 6 S., R. 45 E.			23,040	
Fractional T. 6 S., R. 46 E.			11,520	
T. 7 S., R. 45 E.			23,040	
Fractional T. 7 S., R. 46 E.		520	11,000	
E. $\frac{1}{2}$ T. 8 S., R. 46 E.			11,520	
Fractional T. 8 S., R. 46 E.	960	640	9,920	
E. $\frac{1}{2}$ T. 9 S., R. 45 E.			11,520	
Fractional T. 9 S., R. 46 E.	2,280	320	12,760	
Fractional T. 10 S., R. 46 E.			15,360	
Total	34,919	26,399	849,526	

## MONTANA.

*List of lands probably containing workable coal beds.*

## MONTANA MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 37 N., R. 58 E.			23,040	
T. 37 N., R. 57 E.			23,040	
T. 37 N., R. 56 E.			23,040	
T. 37 N., R. 55 E.			23,040	
T. 37 N., R. 54 E.			23,040	
T. 37 N., R. 53 E.			23,040	
T. 37 N., R. 52 E.		640	22,400	
T. 37 N., R. 51 E.		320	22,720	
T. 37 N., R. 50 E.			23,040	
T. 37 N., R. 49 E.			23,040	
T. 37 N., R. 48 E.			23,040	
T. 37 N., R. 47 E.			23,040	
T. 37 N., R. 46 E.			23,040	
T. 37 N., R. 45 E.			23,040	
T. 37 N., R. 44 E.			23,040	
T. 37 N., R. 43 E.			23,040	
T. 37 N., R. 42 E.			23,040	
T. 37 N., R. 41 E.			25,040	
T. 37 N., R. 40 E.			23,040	
T. 37 N., R. 39 E.			23,040	
T. 37 N., R. 38 E.			23,040	
T. 37 N., R. 17 E.		160	22,880	
T. 37 N., R. 16 E.		160	22,880	
T. 37 N., R. 15 E.			23,040	
T. 37 N., R. 14 E.			23,040	
T. 37 N., R. 13 E.	1,280		21,760	
T. 37 N., R. 12 E.	1,280	3,375	19,665	
T. 37 N., R. 11 E.			23,040	
T. 37 N., R. 10 E.	1,760	320	21,960	
T. 37 N., R. 9 E.	1,440	250	21,350	
T. 37 N., R. 8 E.			23,040	
T. 37 N., R. 7 E.	1,600	560	20,980	
T. 37 N., R. 6 E.	2,280	1,520	17,455	
T. 37 N., R. 21 W.	1,280		21,637	
T. 37 N., R. 22 W.	1,280		20,885	
T. 36 N., R. 58 E.			23,040	
T. 36 N., R. 57 E.			23,040	
T. 36 N., R. 56 E.			23,040	
T. 36 N., R. 55 E.			23,040	
T. 36 N., R. 54 E.		320	22,720	
T. 36 N., R. 53 E.			23,040	
T. 36 N., R. 52 E.		5,740	17,300	

List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Aeres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 56 N., R. 51 E.			23,040	
T. 36 N., R. 50 E.			23,040	
T. 36 N., R. 49 E.			23,040	
T. 36 N., R. 48 E.		160	22,880	
T. 36 N., R. 47 E.			23,040	
T. 36 N., R. 46 E.			23,040	
T. 36 N., R. 45 E.			23,040	
T. 36 N., R. 44 E.			23,040	
T. 36 N., R. 43 E.			23,040	
T. 36 N., R. 42 E.			23,040	
T. 36 N., R. 41 E.			23,040	
T. 36 N., R. 40 E.			23,040	
T. 36 N., R. 39 E.			23,040	
T. 36 N., R. 38 E.			23,040	
T. 36 N., R. 19 E.		320	22,720	
T. 36 N., R. 18 E.		440	22,600	
T. 36 N., R. 17 E.		320	22,720	
T. 36 N., R. 16 E.			23,040	
T. 36 N., R. 15 E.			23,040	
T. 36 N., R. 14 E.		160	22,880	
T. 36 N., R. 13 E.			23,040	
T. 36 N., R. 12 E.			23,040	
T. 36 N., R. 11 E.	1,420		21,620	
T. 36 N., R. 10 E.	1,280	400	21,210	
T. 36 N., R. 9 E.	1,440	870	20,730	
T. 36 N., R. 8 E.	1,480	1,100	20,460	
T. 36 N., R. 7 E.	1,430	1,185	20,425	
T. 36 N., R. 6 E.	2,215	3,410	17,415	
T. 36 N., R. 21 W.	1,280		21,267	
T. 36 N., R. 22 W.	1,280		21,140	
T. 35 N., R. 58 E.		200	22,840	
T. 35 N., R. 57 E.			23,040	
T. 35 N., R. 56 E.			23,040	
T. 35 N., R. 55 E.	1,280	6,926	14,834	
T. 35 N., R. 54 E.	1,280	5,382	17,945	
T. 35 N., R. 53 E.	1,280	3,815	17,945	
T. 35 N., R. 52 E.	1,600	1,950	19,490	
T. 35 N., R. 51 E.			23,040	
T. 35 N., R. 50 E.			23,040	
T. 35 N., R. 49 E.			23,040	
T. 35 N., R. 48 E.	1,600	5,440	16,000	
T. 35 N., R. 47 E.			23,040	
T. 35 N., R. 46 E.			23,040	
T. 35 N., R. 45 E.			23,040	
T. 36 N., R. 44 E.			23,040	
T. 35 N., R. 43 E.			23,040	
T. 35 N., R. 42 E.			23,040	
T. 35 N., R. 41 E.			23,040	
T. 35 N., R. 40 E.			23,040	
T. 35 N., R. 39 E.			23,040	
T. 35 N., R. 20 E.	1,280	360	21,400	
T. 35 N., R. 19 E.	1,280	1,200	20,560	
T. 35 N., R. 18 E.			23,040	
T. 35 N., R. 17 E.	1,280	320	21,440	
T. 35 N., R. 16 E.	1,580		21,460	
T. 35 N., R. 15 E.	1,280		20,180	
T. 35 N., R. 14 E.	1,360	160	18,660	
T. 35 N., R. 13 E.	1,280	160	21,600	
T. 35 N., R. 12 E.	1,280	320	21,440	
T. 35 N., R. 11 E.	1,280	40	21,720	
T. 35 N., R. 10 E.	2,195	1,030	19,815	
T. 35 N., R. 9 E.	2,880	745	19,415	
T. 35 N., R. 8 E.	2,395	1,220	19,425	
T. 35 N., R. 7 E.	1,440	1,745	19,855	
T. 35 N., R. 6 E.	1,840	795	20,405	
T. 35 N., R. 20 W.	1,280		21,760	
T. 35 N., R. 21 W.		160	22,880	
T. 34 N., R. 58 E.			23,040	
T. 34 N., R. 57 E.			23,040	
T. 34 N., R. 56 E.		80	22,960	
T. 34 N., R. 55 E.	1,280	6,040	15,720	
T. 34 N., R. 54 E.	1,280	1,080	20,680	
T. 34 N., R. 53 E.			23,040	
T. 34 N., R. 52 E.			23,040	
T. 34 N., R. 51 E.			23,040	
T. 34 N., R. 50 E.			23,040	

*List of lands probably containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 34 N., R. 49 E.			23,040	
T. 34 N., R. 48 E.	1,280	3,040	18,720	
T. 34 N., R. 47 E.			23,040	
T. 34 N., R. 46 E.			23,040	
T. 34 N., R. 45 E.			23,040	
T. 34 N., R. 44 E.			23,040	
T. 34 N., R. 43 E.			23,040	
T. 34 N., R. 42 E.			23,040	
T. 34 N., R. 41 E.			23,040	
T. 34 N., R. 40 E.			23,040	
T. 34 N., R. 39 E.			23,040	
T. 34 N., R. 21 E.	1,760	1,040	20,240	
T. 34 N., R. 20 E.	1,280		21,760	
T. 34 N., R. 19 E.	5,170	3,105	14,765	
T. 34 N., R. 18 E.	1,280	1,355	20,405	
T. 34 N., R. 17 E.	1,755	160	21,125	
T. 34 N., R. 16 E.	1,960	2,510	19,570	
T. 34 N., R. 15 E.	1,680		21,360	
T. 34 N., R. 14 E.	1,280		21,760	
T. 34 N., R. 13 E.	1,280	1,380	20,380	
T. 34 N., R. 12 E.	1,280	160	21,600	
T. 34 N., R. 11 E.	1,280	160	21,600	
T. 34 N., R. 10 E.	2,960	1,320	18,760	
T. 34 N., R. 9 E.	1,280	40	21,620	
T. 34 N., R. 8 E.	1,480		21,560	
T. 34 N., R. 7 E.	1,440		21,600	
T. 34 N., R. 20 W.	3,440	2,953	16,647	
T. 34 N., R. 21 W.	8,538	640	9,178	
T. 33 N., R. 58 E.			23,040	
T. 33 N., R. 57 E.			23,040	
T. 33 N., R. 56 E.			23,040	
T. 33 N., R. 55 E.	1,920	1,710	2,130	17,280
T. 33 N., R. 54 E.	1,280	320	4,160	17,280
T. 33 N., R. 53 E.			7,680	15,360
T. 33 N., R. 52 E.			7,680	15,360
T. 33 N., R. 51 E.			7,680	15,360
T. 33 N., R. 50 E.			7,680	15,360
T. 33 N., R. 49 E.			7,680	15,360
T. 33 N., R. 48 E.			7,680	15,360
T. 33 N., R. 47 E.			7,680	15,360
T. 33 N., R. 46 E.			7,680	15,360
T. 33 N., R. 45 E.			7,680	15,360
T. 33 N., R. 44 E.			7,680	15,360
T. 33 N., R. 43 E.			7,680	15,360
T. 33 N., R. 42 E.			7,680	15,360
T. 33 N., R. 41 E.			7,680	15,360
T. 33 N., R. 39 E.		160	22,880	
T. 33 N., R. 22 E.	1,760	1,080	20,200	
T. 33 N., R. 21 E.	3,840	1,800	17,440	
T. 33 N., R. 20 E.	6,439	1,000	15,601	
T. 33 N., R. 18 E.	11,950	1,640	9,450	
T. 33 N., R. 17 E.	5,560	480	17,000	
T. 33 N., R. 16 E.	12,950	640	9,450	
T. 33 N., R. 14 E.	1,840	1,320	19,880	
T. 33 N., R. 13 E.	1,920	640	20,480	
T. 33 N., R. 12 E.			23,040	
T. 33 N., R. 11 E.	2,400	1,120	19,520	
T. 33 N., R. 10 E.	1,600	320	21,120	
T. 33 N., R. 9 E.	1,640		21,400	
T. 33 N., R. 8 E.	1,400		21,640	
T. 33 N., R. 20 W.			23,040	
T. 32 N., R. 59 E.			23,040	
T. 32 N., R. 58 E.			23,040	
T. 32 N., R. 57 E.			23,040	
T. 32 N., R. 56 E.		160	22,880	
T. 32 N., R. 40 E.		480	7,200	15,360
T. 32 N., R. 39 E.		80	22,960	
T. 32 N., R. 23 E.	9,392	1,865	11,783	
T. 32 N., R. 22 E.	10,210	1,840	4,385	6,605
T. 32 N., R. 21 E.	7,795	3,460	11,785	
T. 32 N., R. 20 E.	5,415	1,280	16,345	
T. 32 N., R. 19 E.	2,040	1,900	19,100	
T. 32 N., R. 18 E.	3,145	2,385	17,510	
T. 32 N., R. 17 E.	3,910	2,620	16,510	
T. 32 N., R. 16 E.	5,975	6,341	10,724	
T. 32 N., R. 14 E.	520		22,520	

List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 32 N., R. 13 E.	1,280		21,760	
T. 32 N., R. 12 E.	2,795	160	20,055	
T. 32 N., R. 11 E.	3,205		19,835	
T. 32 N., R. 10 E.	1,280		21,560	
T. 32 N., R. 9 E.	1,280	160	21,600	
T. 32 N., R. 8 E.	1,480	395	21,165	
T. 32 N., R. 18 W.			23,040	
T. 31 N., R. 59 E.			23,040	
T. 31 N., R. 58 E.			23,040	
T. 31 N., R. 57 E.			23,040	
T. 31 N., R. 56 E.		640	22,400	
T. 31 N., R. 55 E.			23,040	
T. 31 N., R. 40 E.		480	22,560	
T. 31 N., R. 39 E.		480	22,560	
T. 31 N., R. 22 E.	1,280	480	6,180	15,100
T. 31 N., R. 21 E.	1,280	2,720	19,040	
T. 31 N., R. 20 E.	1,280	600	21,160	
T. 31 N., R. 19 E.	1,280	1,990	19,770	
T. 31 N., R. 18 E.	3,955	3,455	15,630	
T. 31 N., R. 17 E.	3,800	2,200	17,040	
T. 31 N., R. 14 E.		1,720	21,320	
T. 31 N., R. 13 E.	2,160	625	21,255	
T. 31 N., R. 12 E.	2,000	160	20,880	
T. 31 N., R. 11 E.	1,280	200	21,560	
T. 31 N., R. 10 E.	1,320		21,720	
T. 31 N., R. 9 E.	1,320		21,720	
T. 31 N., R. 17 W.	2,850	3,510	16,670	
T. 31 N., R. 18 W.			23,040	
T. 30 N., R. 59 E.			23,040	
T. 30 N., R. 58 E.			23,040	
T. 30 N., R. 57 E.			23,040	
T. 30 N., R. 56 E.		320	22,720	
T. 30 N., R. 55 E.	1,520	11,840	9,680	
T. 30 N., R. 54 E.			15,360	7,680
T. 30 N., R. 41 E.			11,520	11,520
T. 30 N., R. 40 E.		320	22,720	
T. 30 N., R. 22 E.	40	40	7,955	15,005
T. 30 N., R. 21 E.	2,300	675	20,065	
T. 30 N., R. 20 E.	1,280	1,200	20,560	
T. 30 N., R. 14 E.	6,725	960	15,355	
T. 30 N., R. 13 E.	5,335	1,760	15,945	
T. 30 N., R. 12 E.	1,280		21,760	
T. 30 N., R. 11 E.	1,280		21,760	
T. 30 N., R. 10 E.	1,280	480	21,280	
T. 30 N., R. 19 W.	1,585	1,600	19,855	
T. 29 N., R. 59 E.			9,600	
T. 29 N., R. 58 E.			23,040	
T. 29 N., R. 57 E.			23,040	
T. 29 N., R. 56 E.	1,280	15,920	5,840	
T. 29 N., R. 55 E.			23,040	
T. 29 N., R. 54 E.	160	1,435	13,765	7,680
T. 29 N., R. 41 E.			11,520	11,520
T. 29 N., R. 40 E.		440	22,600	
T. 29 N., R. 22 E.	975		7,150	14,915
T. 29 N., R. 21 E.	5,320	1,880	15,840	
T. 29 N., R. 20 E.	6,295	3,360	13,385	
T. 29 N., R. 14 E.	4,175	2,775	16,090	
T. 29 N., R. 13 E.	5,120	1,420	16,500	
T. 29 N., R. 12 E.	2,120	160	20,760	
T. 29 N., R. 11 E.	1,480	160	21,400	
T. 29 N., R. 10 E.	2,240		22,400	
T. 29 N., R. 18 W.			23,040	
T. 29 N., R. 19 W.	640		22,400	
T. 28 N., R. 59 E.	1,277	3,341	14,224	
T. 28 N., R. 58 E.	2,720	7,528	11,745	
T. 28 N., R. 41 E.	2,095	3,450	14,240	2,635
T. 28 N., R. 40 E.	1,638	5,552	15,703	
T. 28 N., R. 22 E.	2,075	40	9,405	11,520
T. 28 N., R. 21 E.	3,160	320	19,560	
T. 28 N., B. 20 E.	2,340	1,340	19,360	
T. 28 N., R. 14 E.	4,450	6,445	12,145	
T. 28 N., R. 13 E.	9,022	1,020	13,000	
T. 28 N., R. 12 E.	2,600		20,440	
T. 28 N., R. 11 E.	1,350		21,690	
T. 28 N., R. 17 W.			23,040	
T. 28 N., R. 18 W.			23,040	

*List of lands probably containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 27 N., R. 59 E.	7,775	3,525	9,195	
T. 27 N., R. 58 E.	2,165	6,990	13,790	
T. 27 N., R. 57 E.	6,168	2,846	13,834	
T. 27 N., R. 56 E.	2,026	1,243	17,944	
T. 27 N., R. 55 E.	312	715	19,332	1,440
T. 27 N., R. 54 E.			17,000	4,500
T. 27 N., R. 53 E.			17,000	4,500
T. 27 N., R. 41 E.	1,815	3,685	17,448	
T. 27 N., R. 40 E.		520	22,520	
T. 27 N., R. 22 E.	640	120	10,760	11,520
T. 27 N., R. 21 E.	1,280		21,760	
T. 27 N., R. 20 E.	1,360	640	21,040	
T. 27 N., R. 14 E.	14,740	160	8,140	
T. 27 N., R. 13 E.	5,385	880	16,775	
T. 27 N., R. 12 E.	8,600	310	14,130	
T. 27 N., R. 11 E.	2,640	200	20,200	
T. 26 N., R. 59 E.	2,386	6,185	12,170	
T. 26 N., R. 58 E.	1,557	3,232	18,200	
T. 26 N., R. 57 E.	142	680	21,178	
T. 26 N., R. 56 E.		1,280	21,760	
T. 26 N., R. 55 E.		440	22,600	
T. 26 N., R. 54 E.			23,040	
T. 26 N., R. 53 E.			23,040	
T. 26 N., R. 52 E.			23,040	
T. 26 N., R. 51 E.			23,040	
T. 26 N., R. 50 E.	1,511	980	20,451	
T. 26 N., R. 49 E.	1,680		21,310	
T. 26 N., R. 48 E.			23,040	
T. 26 N., R. 47 E.	2,200		20,840	
T. 26 N., R. 46 E.	480		16,000	5,120
T. 26 N., R. 45 E.	978	480	13,580	6,400
T. 26 N., R. 44 E.	4,090	1,066	11,622	6,290
T. 26 N., R. 43 E.			12,040	9,600
T. 26 N., R. 42 E.		320	19,220	2,000
T. 26 N., R. 41 E.	1,280	320	21,440	
T. 26 N., R. 22 E.	640		10,880	11,520
T. 26 N., R. 21 E.	1,280		21,760	
T. 26 N., R. 20 E.	1,280		21,760	
T. 26 N., R. 19 E.	1,280	120	21,640	
T. 26 N., R. 15 E.	10,392	480	12,168	
T. 26 N., R. 14 E.	10,180	160	12,700	
T. 26 N., R. 13 E.	2,800	325	19,715	
T. 26 N., R. 12 E.	4,700	280	18,060	
T. 26 N., R. 11 E.	3,390	160	19,490	
T. 25 N., R. 59 E.	962	11,312	8,742	
T. 25 N., R. 58 E.	1,280	3,756	17,986	
T. 25 N., R. 57 E.	3,230	635	21,682	
T. 25 N., R. 56 E.			23,040	
T. 25 N., R. 55 E.			23,040	
T. 25 N., R. 54 E.			23,040	
T. 25 N., R. 53 E.			23,040	
T. 25 N., R. 52 E.			23,040	
T. 25 N., R. 51 E.			23,040	
T. 25 N., R. 50 E.	5,075	1,600	16,300	
T. 25 N., R. 49 E.			23,040	
T. 25 N., R. 48 E.			23,040	
T. 25 N., R. 47 E.	1,280		21,760	
T. 25 N., R. 46 E.			23,040	
T. 25 N., R. 45 E.	2,440		20,600	
T. 25 N., R. 44 E.	440		22,600	
T. 25 N., R. 43 E.	520		22,520	
T. 25 N., R. 42 E.	560		22,480	
T. 25 N., R. 41 E.	1,280		21,760	
T. 25 N., R. 23 E.	1,280		14,280	7,680
T. 25 N., R. 22 E.	1,280		17,920	3,840
T. 25 N., R. 21 E.	1,280		21,760	
T. 25 N., R. 20 E.	1,280		21,760	
T. 25 N., R. 19 E.	1,280		21,760	
T. 25 N., R. 18 E.	1,280		21,760	
T. 25 N., R. 17 E.	1,360	80	21,600	
T. 25 N., R. 16 E.	1,960	160	20,920	
T. 25 N., R. 15 E.	1,960		21,080	
T. 25 N., R. 14 E.	3,480	480	19,080	
T. 25 N., R. 13 E.	2,535	600	19,905	
T. 25 N., R. 12 E.	2,560	480	20,000	
T. 25 N., R. 11 E.	3,160	280	19,600	



List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 24 N., R. 60 E.	765	3,988	1,116	
T. 24 N., R. 59 E.	1,444	7,407	11,400	
T. 24 N., R. 58 E.	2,236	2,880	15,234	
T. 24 N., R. 57 E.		160	22,880	
T. 24 N., R. 56 E.			23,040	
T. 24 N., R. 55 E.			23,040	
T. 24 N., R. 54 E.			23,040	
T. 24 N., R. 53 E.			23,040	
T. 24 N., R. 52 E.			23,040	
T. 24 N., R. 51 E.			23,040	
T. 24 N., R. 50 E.			23,040	
T. 24 N., R. 49 E.			23,040	
T. 24 N., R. 48 E.			23,040	
T. 24 N., R. 47 E.			23,040	
T. 24 N., R. 46 E.			23,040	
T. 24 N., R. 45 E.	1,040		22,000	
T. 24 N., R. 44 E.			23,040	
T. 24 N., R. 43 E.			23,041	
T. 24 N., R. 42 E.			23,040	
T. 24 N., R. 41 E.	1,280		21,760	
T. 24 N., R. 23 E.	1,280		21,760	
T. 24 N., R. 22 E.	1,280		21,760	
T. 24 N., R. 21 E.	1,280		21,760	
T. 24 N., R. 20 E.	1,280		21,760	
T. 24 N., R. 19 E.	1,280		21,760	
T. 24 N., R. 18 E.	1,280		21,760	
T. 24 N., R. 17 E.	1,280		21,760	
T. 24 N., R. 24 E.	3,000	1,720	18,320	
T. 24 N., R. 16 E.	1,280		21,760	
T. 24 N., R. 15 E.	1,280		21,760	
T. 24 N., R. 14 E.	1,280	40	21,720	
T. 24 N., R. 13 E.	1,812	948	20,280	
T. 24 N., R. 12 E.	1,680		21,360	
T. 23 N., R. 58 E.	13,120	3,480	6,440	
T. 23 N., R. 57 E.	12,960	320	9,760	
T. 23 N., R. 56 E.	1,280		21,760	
T. 23 N., R. 55 E.	1,280		21,760	
T. 23 N., R. 54 E.			23,040	
T. 23 N., R. 53 E.			23,040	
T. 23 N., R. 52 E.			23,040	
T. 23 N., R. 51 E.			23,040	
T. 23 N., R. 50 E.			23,040	
T. 23 N., R. 49 E.			23,040	
T. 23 N., R. 48 E.			23,040	
T. 23 N., R. 47 E.			23,040	
T. 23 N., R. 46 E.			23,040	
T. 23 N., R. 45 E.			23,040	
T. 23 N., R. 44 E.			23,040	
T. 23 N., R. 43 E.			23,040	
T. 23 N., R. 42 E.	1,280		21,760	
T. 23 N., R. 41 E.	1,280		21,760	
T. 23 N., R. 40 E.	1,280		21,760	
T. 23 N., R. 25 E.	1,280	160	21,600	
T. 23 N., R. 24 E.	1,280	80	21,680	
T. 23 N., R. 23 E.			23,040	
T. 23 N., R. 22 E.			23,040	
T. 23 N., R. 21 E.			23,040	
T. 23 N., R. 20 E.			23,040	
T. 23 N., R. 19 E.			23,040	
T. 28 N., R. 18 E.	1,250		21,760	
T. 23 N., R. 17 E.	1,280		21,760	
T. 23 N., R. 16 E.	4,160		18,800	
T. 23 N., R. 15 E.	1,280	400	21,360	
T. 23 N., R. 14 E.	1,280	280	21,480	
T. 23 N., R. 13 E.	1,640	160	21,240	
T. 22 N., R. 60 E.	1,280		21,760	
T. 22 N., R. 59 E.	14,200	3,680	5,160	
T. 22 N., R. 58 E.	13,520	3,600	5,920	
T. 22 N., R. 57 E.	13,280	800	8,960	
T. 22 N., R. 56 E.	12,800	960	9,280	
T. 22 N., R. 55 E.	11,520		11,520	
T. 22 N., R. 54 E.	11,520		11,520	
T. 22 N., R. 53 E.	8,960	160	13,920	
T. 22 N., R. 52 E.	4,560		18,480	
T. 22 N., R. 51 E.			23,040	
T. 22 N., R. 50 E.			23,040	

List of lands probably containing workable coal beds—Continued.

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 22 N., R. 49 E.			23,040	
T. 22 N., R. 48 E.			23,040	
T. 22 N., R. 47 E.			23,040	
T. 22 N., R. 46 E.			23,040	
T. 22 N., R. 45 E.			23,040	
T. 22 N., R. 44 E.			23,040	
T. 22 N., R. 43 E.			23,040	
T. 22 N., R. 42 E.			23,040	
T. 22 N., R. 41 E.	1,280		23,040	
T. 22 N., R. 40 E.			23,040	
T. 22 N., R. 39 E.			23,040	
T. 22 N., R. 38 E.			23,040	
T. 22 N., R. 25 E.			23,040	
T. 22 N., R. 24 E.			23,040	
T. 22 N., R. 23 E.			23,040	
T. 22 N., R. 22 E.			23,040	
T. 22 N., R. 21 E.		40	23,000	
T. 22 N., R. 20 E.			23,040	
T. 22 N., R. 19 E.			23,040	
T. 22 N., R. 18 E.			23,040	
T. 22 N., R. 17 E.			23,040	
T. 22 N., R. 15 E.		1,160	21,880	
T. 22 N., R. 14 E.	1,880	120	21,040	
T. 21 N., R. 60 E.	2,400		20,640	
T. 21 N., R. 58 E.	13,520	2,560	6,960	
T. 21 N., R. 57 E.	12,800	160	10,080	
T. 21 N., R. 56 E.	12,800	320	10,920	
T. 21 N., R. 55 E.	12,640	160	10,240	
T. 21 N., R. 54 E.	12,160		10,880	
T. 21 N., R. 53 E.	11,520		11,520	
T. 21 N., R. 52 E.	11,520		11,520	
T. 21 N., R. 51 E.	11,520		11,520	
T. 21 N., R. 50 E.	1,280		21,760	
T. 21 N., R. 49 E.			23,040	
T. 21 N., R. 48 E.			23,040	
T. 21 N., R. 47 E.			23,040	
T. 21 N., R. 46 E.			23,040	
T. 21 N., R. 45 E.			23,040	
T. 21 N., R. 44 E.			23,040	
T. 21 N., R. 43 E.			23,040	
T. 21 N., R. 42 E.	1,280		21,760	
T. 21 N., R. 41 E.			23,040	
T. 21 N., R. 40 E.			23,040	
T. 21 N., R. 39 E.			23,040	
T. 21 N., R. 38 E.			23,040	
T. 21 N., R. 25 E.	1,280		21,760	
T. 21 N., R. 24 E.		160	22,880	
T. 21 N., R. 23 E.			23,040	
T. 21 N., R. 22 E.			23,040	
T. 21 N., R. 21 E.	120	80	21,040	
T. 21 N., R. 20 E.	40		23,000	
T. 21 N., R. 19 E.		160	22,880	
T. 21 N., R. 18 E.	3,040	280	19,720	
T. 21 N., R. 17 E.	1,960	1,394	19,686	
T. 20 N., R. 60 E.		160	22,880	
T. 20 N., R. 58 E.	14,240	3,320	5,480	
T. 20 N., R. 57 E.	12,960		10,080	
T. 20 N., R. 56 E.	13,600	160	9,280	
T. 20 N., R. 55 E.	12,800	160	10,080	
T. 20 N., R. 54 E.	12,800	640	9,600	
T. 20 N., R. 53 E.	12,800	640	9,600	
T. 20 N., R. 52 E.	11,520		11,520	
T. 20 N., R. 51 E.	11,520		11,520	
T. 20 N., R. 50 E.	6,280		16,760	
T. 20 N., R. 49 E.			23,040	
T. 20 N., R. 48 E.			23,040	
T. 20 N., R. 47 E.			23,040	
T. 20 N., R. 46 E.			23,040	
T. 20 N., R. 45 E.			23,040	
T. 20 N., R. 44 E.			23,040	
T. 20 N., R. 43 E.			23,040	
T. 20 N., R. 42 E.			23,040	
T. 20 N., R. 41 E.			23,040	
T. 20 N., R. 40 E.			23,040	
T. 20 N., R. 39 E.			23,040	
T. 20 N., R. 38 E.			23,040	

List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 20 N., R. 25 E.			23,040	
T. 20 N., R. 24 E.			23,040	
T. 20 N., R. 23 E.			23,040	
T. 20 N., R. 22 E.			23,040	
T. 20 N., R. 21 E.		40	23,000	
T. 20 N., R. 20 E.		40	23,000	
T. 20 N., R. 19 E.	2,840	480	19,720	
T. 19 N., R. 60 E.	11,520		11,520	
T. 19 N., R. 59 E.	12,800	360	9,880	
T. 19 N., R. 57 E.	12,960	1,040	9,040	
T. 19 N., R. 56 E.	12,960	480	9,600	
T. 19 N., R. 55 E.	12,320	240	10,480	
T. 19 N., R. 54 E.	12,800	3,680	6,560	
T. 19 N., R. 53 E.	12,800	3,640	6,600	
T. 19 N., R. 52 E.	11,520		11,520	
T. 19 N., R. 51 E.	11,520		11,520	
T. 19 N., R. 50 E.	11,520		11,520	
T. 19 N., R. 49 E.	3,360		19,680	
T. 19 N., R. 48 E.	160		22,880	
T. 19 N., R. 47 E.			23,040	
T. 19 N., R. 46 E.			23,040	
T. 19 N., R. 45 E.			23,040	
T. 19 N., R. 44 E.			23,040	
T. 19 N., R. 43 E.			23,040	
T. 19 N., R. 42 E.			23,040	
T. 19 N., R. 41 E.			23,040	
T. 19 N., R. 40 E.			23,040	
T. 19 N., R. 39 E.			23,040	
T. 19 N., R. 38 E.			23,040	
T. 19 N., R. 25 E.		200	22,840	
T. 19 N., R. 24 E.	1,280	160	21,600	
T. 19 N., R. 23 E.	1,600	160	21,280	
T. 19 N., R. 22 E.	1,520		21,520	
T. 19 N., R. 21 E.	2,920		20,120	
T. 19 N., R. 20 E.	4,880	480	17,680	
T. 19 N., R. 5 W.	17,840	1,720	3,480	
T. 19 N., R. 6 W.	20,000	1,400	1,640	
T. 18 N., R. 60 E.	11,520		11,520	
T. 18 N., R. 59 E.	11,520	160	11,460	
T. 18 N., R. 57 E.	12,800	1,080	9,160	
T. 18 N., R. 56 E.	12,800	280	9,960	
T. 18 N., R. 55 E.	12,520	240	10,280	
T. 18 N., R. 54 E.	12,840	480	9,720	
T. 18 N., R. 53 E.	12,800	320	9,920	
T. 18 N., R. 52 E.	12,800	320	9,920	
T. 18 N., R. 51 E.	11,520		11,520	
T. 18 N., R. 50 E.	11,520		11,520	
T. 18 N., R. 49 E.	11,520		11,520	
T. 18 N., R. 48 E.	11,120		11,920	
T. 18 N., R. 47 E.	7,400		15,640	
T. 18 N., R. 46 E.	1,120		21,820	
T. 18 N., R. 45 E.			23,040	
T. 18 N., R. 44 E.			23,040	
T. 18 N., R. 43 E.			23,040	
T. 18 N., R. 42 E.			23,040	
T. 18 N., R. 41 E.			23,040	
T. 18 N., R. 40 E.			23,040	
T. 18 N., R. 39 E.			23,040	
T. 18 N., R. 22 E.	4,560	640	17,840	
T. 18 N., R. 21 E.	10,160	800	12,080	
T. 18 N., R. 20 E.	8,960	920	13,160	
T. 18 N., R. 19 E.	4,600	1,680	16,760	
T. 18 N., R. 10 E.	11,840	7,720	3,480	
T. 18 N., R. 9 E.	14,480	6,480	1,960	
T. 18 N., R. 8 E.	16,640	4,800	1,600	
T. 17 N., R. 60 E.	7,346		7,347	
T. 17 N., R. 59 E.	11,520		11,520	
T. 17 N., R. 58 E.	11,520	320	11,200	
T. 17 N., R. 57 E.	12,160		10,880	
T. 17 N., R. 54 E.	12,800		10,240	
T. 17 N., R. 53 E.	12,800	160	10,080	
T. 17 N., R. 52 E.	12,960	160	9,920	
T. 17 N., R. 51 E.	12,800		10,240	
T. 17 N., R. 50 E.	12,800	160	10,080	
T. 17 N., R. 49 E.	12,680		10,360	

*List of lands probably containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 17 N., R. 48 E.	11,520		11,520	
T. 17 N., R. 47 E.	11,520		11,520	
T. 17 N., R. 46 E.	10,800		12,240	
T. 17 N., R. 45 E.	2,680		21,360	
T. 17 N., R. 44 E.			23,040	
T. 17 N., R. 43 E.			23,040	
T. 17 N., R. 42 E.			23,040	
T. 17 N., R. 41 E.			23,040	
T. 17 N., R. 40 E.			23,040	
T. 17 N., R. 39 E.			23,040	
T. 17 N., R. 38 E.			23,040	
T. 17 N., R. 22 E.	1,720	320	21,000	
T. 17 N., R. 21 E.	6,035	1,280	15,725	
T. 17 N., R. 20 E.	8,033	1,880	13,127	
T. 17 N., R. 19 E.	11,556	2,549	8,935	
T. 17 N., R. 17 E.	11,471	3,604	7,965	
T. 17 N., R. 12 E.	22,404	160	476	
T. 17 N., R. 11 E.	17,678		5,362	
T. 17 N., R. 10 E.	17,186	2,002	3,852	
T. 16 N., R. 60 E.	11,520	160	11,360	
T. 16 N., R. 59 E.	12,160		10,880	
T. 16 N., R. 58 E.	12,160		10,880	
T. 16 N., R. 57 E.	11,520		11,520	
T. 16 N., R. 56 E.	11,978	429	10,633	
T. 16 N., R. 55 E.	14,897	608	15,505	
T. 16 N., R. 54 E.	11,520		11,520	
T. 16 N., R. 53 E.	12,800	150	10,090	
T. 16 N., R. 52 E.	12,800	160	10,080	
T. 16 N., R. 51 E.	13,081		10,508	
T. 16 N., R. 50 E.	12,910	160	10,080	
T. 16 N., R. 49 E.	11,520	80	11,440	
T. 16 N., R. 48 E.	11,520		11,520	
T. 16 N., R. 47 E.	11,520		11,520	
T. 16 N., R. 46 E.	11,520		11,520	
T. 16 N., R. 45 E.	8,960		14,080	
T. 16 N., R. 44 E.			23,040	
T. 16 N., R. 43 E.			23,040	
T. 16 N., R. 42 E.			23,040	
T. 16 N., R. 41 E.			23,040	
T. 16 N., R. 40 E.			23,040	
T. 16 N., R. 39 E.			23,040	
T. 16 N., R. 38 E.			23,040	
T. 16 N., R. 22 E.	4,289	360	18,391	
T. 16 N., R. 21 E.	7,043	4,640	8,890	
T. 16 N., R. 19 E.	6,256	2,175	14,522	
T. 16 N., R. 18 E.	13,490	4,681	3,620	
T. 16 N., R. 14 E.	3,831	6,676	12,472	
T. 16 N., R. 10 E.	15,760	880	6,557	
T. 15 N., R. 60 E.	10,651	4,230	8,108	
T. 15 N., R. 58 E.	11,520		11,520	
T. 15 N., R. 56 E.	11,520		11,520	
T. 15 N., R. 55 E.	14,206	640	8,294	
T. 15 N., R. 54 E.	12,858	160	9,913	
T. 15 N., R. 53 E.	13,060		9,855	
T. 15 N., R. 52 E.	12,844	321	9,905	
T. 15 N., R. 51 E.	13,545	160	9,495	
T. 15 N., R. 50 E.	12,830		10,257	
T. 15 N., R. 49 E.	12,689	480	9,771	
T. 15 N., R. 48 E.	13,039		9,901	
T. 15 N., R. 47 E.	11,520		11,520	
T. 15 N., R. 46 E.	11,520		11,520	
T. 15 N., R. 45 E.	11,520		11,520	
T. 15 N., R. 44 E.	4,800		18,240	
T. 15 N., R. 43 E.			23,040	
T. 15 N., R. 42 E.			23,040	
T. 15 N., R. 41 E.			23,040	
T. 15 N., R. 39 E.			23,040	
T. 15 N., R. 38 E.			23,040	
T. 15 N., R. 21 E.	5,543	2,788	14,610	
T. 15 N., R. 20 E.	8,829	6,421	7,375	
T. 15 N., R. 19 E.	17,944	4,186	722	
T. 15 N., R. 17 E.	16,432	3,025	3,533	
T. 15 N., R. 14 E.	7,511	6,396	9,150	
T. 14 N., R. 60 E.	12,960	8,620	1,460	
T. 14 N., R. 59 E.	14,258	2,401	6,407	
T. 14 N., R. 57 E.	11,520		11,520	

List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 14 N., R. 56 E.	11,520		11,520	
T. 14 N., R. 55 E.	12,079	160	10,801	
T. 14 N., R. 53 E.	11,782	320	10,898	
T. 14 N., R. 52 E.	12,986	160	10,051	
T. 14 N., R. 51 E.	12,500	640	9,600	
T. 14 N., R. 50 E.	12,812	40	10,509	
T. 14 N., R. 49 E.	12,955	160	9,949	
T. 14 N., R. 48 E.	12,160	40	10,840	
T. 14 N., R. 47 E.	11,520		11,520	
T. 14 N., R. 46 E.	11,520		11,520	
T. 14 N., R. 45 E.	11,520		11,520	
T. 14 N., R. 44 E.	11,520		11,520	
T. 14 N., R. 43 E.	5,760		17,280	
T. 14 N., R. 42 E.	4,800		18,240	
T. 14 N., R. 41 E.			23,040	
T. 14 N., R. 40 E.			23,040	
T. 14 N., R. 39 E.			23,040	
T. 14 N., R. 38 E.	1,280	9,693	12,006	
T. 14 N., R. 21 E.	6,642	2,011	14,313	
T. 14 N., R. 20 E.	10,554	5,978	6,448	
T. 14 N., R. 19 E.	13,370	4,787	4,821	
T. 14 N., R. 15 E.	15,347	5,472	2,221	
T. 14 N., R. 14 E.	13,213	7,436	2,391	
T. 14 N., R. 13 E.	16,127	4,634	2,279	
T. 14 N., R. 18 W.	11,520		11,520	
T. 13 N., R. 60 E.	14,563	7,680	797	
T. 13 N., R. 59 E.	12,581	2,560	7,899	
T. 13 N., R. 58 E.	11,520		11,520	
T. 13 N., R. 57 E.	11,520		11,520	
T. 13 N., R. 56 E.	11,520		11,520	
T. 13 N., R. 55 E.	11,520		11,520	
T. 13 N., R. 54 E.	12,783	555	9,340	
T. 13 N., R. 51 E.	12,867		10,172	
T. 13 N., R. 50 E.	12,240	320	10,480	
T. 13 N., R. 49 E.	12,160		10,880	
T. 13 N., R. 48 E.	12,800		10,240	
T. 13 N., R. 46 E.	11,520		11,520	
T. 13 N., R. 45 E.	11,520		11,520	
T. 13 N., R. 44 E.	1,520		11,520	
T. 13 N., R. 43 E.	11,520		11,520	
T. 13 N., R. 42 E.	5,120		17,920	
T. 13 N., R. 41 E.			23,040	
T. 13 N., R. 40 E.			23,040	
T. 13 N., R. 39 E.			23,040	
T. 13 N., R. 38 E.	1,280	11,622	10,138	
T. 13 N., R. 15 E.	14,635	5,030	3,375	
T. 13 N., R. 14 E.	1,635	7,500	13,905	
T. 13 N., R. 13 E.	10,633	4,496	7,911	
T. 13 N., R. 18 W.	12,714	3,516	6,810	
T. 13 N., R. 19 W.	21,739	1,000	301	
T. 12 N., R. 61 E.	5,174	3,505	1,686	
T. 12 N., R. 60 E.	12,645	3,864	6,531	
T. 12 N., R. 59 E.	14,787	480	7,773	
T. 12 N., R. 58 E.	13,022	159	9,859	
T. 12 N., R. 57 E.	13,033		10,007	
T. 12 N., R. 56 E.	12,995		10,436	
T. 12 N., R. 55 E.	12,947	160	9,933	
T. 12 N., R. 54 E.	13,271	324	9,445	
T. 12 N., R. 53 E.	12,266	1,741	9,033	
T. 12 N., R. 51 E.	12,586	1,690	8,764	
T. 12 N., R. 50 E.	12,402	242	10,638	
T. 12 N., R. 49 E.	11,520		11,520	
T. 12 N., R. 48 E.	11,520		11,520	
T. 12 N., R. 47 E.	11,520		11,520	
T. 12 N., R. 46 E.	11,520		11,520	
T. 12 N., R. 44 E.	12,719		10,321	
T. 12 N., R. 43 E.	12,695		10,345	
T. 12 N., R. 42 E.	12,663		10,377	
T. 12 N., R. 41 E.	12,748		10,292	
T. 12 N., R. 40 E.	12,697		10,343	
T. 12 N., R. 39 E.	12,708		10,332	
T. 12 N., R. 38 E.	12,685		10,355	
T. 12 N., R. 15 E.	15,495	4,322	3,223	
T. 12 N., R. 14 E.	9,566	3,441	10,033	
T. 12 N., R. 18 W.	14,902	480	7,658	
T. 12 N., R. 19 W.	18,969	2,600	1,470	

*List of lands probably containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 11 N., R. 61 E.	5,173	4,000	1,194	
T. 11 N., R. 60 E.	13,131	1,120	8,789	
T. 11 N., R. 58 E.	12,767		10,273	
T. 11 N., R. 57 E.	13,411	197	9,432	
T. 11 N., R. 56 E.	12,801	80	10,159	
T. 11 N., R. 55 E.	12,729		10,311	
T. 11 N., R. 54 E.	12,751		10,289	
T. 11 N., R. 53 E.	12,770	337	9,933	
T. 11 N., R. 52 E.	11,520		11,520	
T. 11 N., R. 51 E.	13,052	449	9,539	
T. 11 N., R. 49 E.	12,160	200	10,686	
T. 11 N., R. 48 E.	11,520		11,520	
T. 11 N., R. 47 E.	11,520		11,520	
T. 11 N., R. 46 E.	11,520		11,520	
T. 11 N., R. 44 E.	12,800	160	10,080	
T. 11 N., R. 43 E.	12,723		10,317	
T. 11 N., R. 42 E.	12,703		10,337	
T. 11 N., R. 41 E.	8,908	4,100	10,031	
T. 11 N., R. 40 E.	12,737		10,303	
T. 11 N., R. 39 E.	11,822	1,280	9,938	
T. 11 N., R. 38 E.	12,701		10,349	
T. 11 N., R. 15 E.	7,462	3,851	11,727	
T. 11 N., R. 14 E.	2,157	320	20,883	
T. 11 N., R. 18 W.	6,160		16,880	
T. 11 N., R. 19 W.	16,447	2,400	4,193	
T. 10 N., R. 61 E.	5,202	4,496	804	
T. 10 N., R. 60 E.	12,107	3,676	7,257	
T. 10 N., R. 59 E.	12,798	155	10,086	
T. 10 N., R. 58 E.	12,834		10,206	
T. 10 N., R. 57 E.	12,782	318	9,940	
T. 10 N., R. 56 E.	12,796		10,244	
T. 10 N., R. 55 E.	12,753	160	10,127	
T. 10 N., R. 54 E.	12,777	320	9,943	
T. 10 N., R. 53 E.	13,182	160	9,697	
T. 10 N., R. 52 E.	11,520		11,520	
T. 10 N., R. 51 E.	11,520	480	11,040	
T. 10 N., R. 45 E.	11,520		11,520	
T. 10 N., R. 44 E.	12,813		10,227	
T. 10 N., R. 43 E.	12,800		10,240	
T. 10 N., R. 42 E.	12,723		10,317	
T. 10 N., R. 41 E.	12,160		10,880	
T. 10 N., R. 40 E.	12,762		10,278	
T. 10 N., R. 39 E.	12,768		10,272	
T. 10 N., R. 38 E.	12,768		10,272	
T. 10 N., R. 15 E.	4,537	475	18,028	
T. 10 N., R. 14 E.	3,478	159	19,401	
T. 10 N., R. 13 E.		474	22,566	
T. 10 N., R. 12 E.		400	22,640	
T. 10 N., R. 11 E.	80	160	22,800	
T. 10 N., R. 10 E.	2,576	640	19,824	
T. 10 N., R. 8 W.	13,832	2,598	6,610	
Fractional T. 9 N., R. 61 E.	6,253	1,640	4,208	
T. 9 N., R. 60 E.	11,505	1,593	9,942	
T. 9 N., R. 59 E.	12,804	160	11,076	
T. 9 N., R. 58 E.	12,800		10,240	
T. 9 N., R. 57 E.	12,894	280	9,868	
T. 9 N., R. 56 E.	12,794	539	9,707	
T. 9 N., R. 55 E.	12,171	1,320	9,549	
T. 9 N., R. 54 E.	12,958		10,080	
T. 9 N., R. 53 E.	12,994	240	9,806	
T. 9 N., R. 52 E.	11,520		11,520	
T. 9 N., R. 51 E.	11,560		11,480	
T. 9 N., R. 50 E.	11,560		11,480	
T. 9 N., R. 49 E.	11,830		11,210	
T. 9 N., R. 48 E.	14,210	1,322	6,207	
T. 9 N., R. 45 E.	11,520		11,520	
T. 9 N., R. 44 E.	12,795	160	11,085	
T. 9 N., R. 43 E.	12,788		10,525	
T. 9 N., R. 42 E.	12,773		10,267	
T. 9 N., R. 41 E.	12,776		10,264	
T. 9 N., R. 40 E.	13,119	160	9,921	
T. 9 N., R. 39 E.	12,794		10,246	
T. 9 N., R. 38 E.	12,796		10,244	
T. 9 N., R. 29 E.	15,480	2,079	5,481	
T. 9 N., R. 28 E.	15,227	240	7,573	
T. 9 N., R. 13 E.	12,759	1,120	9,161	

List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 9 N., R. 12 E.	3,040	3,398	16,602	
T. 9 N., R. 11 E.	13,495	4,009	5,562	
T. 9 N., R. 10 E.	6,120	1,715	15,205	
T. 9 N., R. 8 W.	16,450	160	6,430	
T. 8 N., R. 61 E.	9,948		9,946	
T. 8 N., R. 60 E.	11,520		11,520	
T. 8 N., R. 59 E.	11,520		11,520	
T. 8 N., R. 58 E.	11,520		11,520	
T. 8 N., R. 57 E.	12,516		9,439	
T. 8 N., R. 56 E.	10,680	1,471	9,535	
T. 8 N., R. 55 E.	12,085		9,449	
T. 8 N., R. 54 E.	11,850		9,332	
T. 8 N., R. 53 E.	12,468		9,274	
T. 8 N., R. 52 E.	11,523	156	10,006	
T. 8 N., R. 51 E.	10,150	466	12,424	
T. 8 N., R. 50 E.	12,816		9,917	
T. 8 N., R. 49 E.	14,274	160	8,366	
T. 8 N., R. 46 E.	10,554	640	12,486	
T. 8 N., R. 45 E.	11,680	160	11,360	
T. 8 N., R. 44 E.	11,520		11,520	
T. 8 N., R. 43 E.	11,520		11,520	
T. 8 N., R. 42 E.	11,520		11,520	
T. 8 N., R. 41 E.	11,520		11,520	
T. 8 N., R. 40 E.	11,520		11,520	
T. 8 N., R. 39 E.	11,520		11,520	
T. 8 N., R. 30 E.	16,062	1,110	9,518	
T. 8 N., R. 29 E.	11,520	100	11,480	
T. 8 N., R. 28 E.	12,960	760	9,320	
T. 8 N., R. 27 E.	14,745	600	7,695	
T. 8 N., R. 26 E.	14,530	830	7,680	
T. 8 N., R. 25 E.	14,440	560	8,040	
T. 8 N., R. 12 E.	21,765	1,175	100	
T. 8 N., R. 11 E.	18,430	640	3,970	
T. 8 N., R. 10 E.	11,730	1,890	9,420	
T. 8 N., R. 9 E.	10,665	160	12,215	
T. 8 N., R. 12 W.			23,040	
T. 8 N., R. 17 W.			23,040	
T. 8 N., R. 18 W.	1,920		21,120	
T. 7 N., R. 60 E.	7,360		15,680	
T. 7 N., R. 59 E.	10,000		13,040	
T. 7 N., R. 58 E.	480		22,560	
T. 7 N., R. 57 E.	5,374	6,088	11,462	
T. 7 N., R. 56 E.	12,280	960	9,800	
T. 7 N., R. 55 E.	12,762		9,579	
T. 7 N., R. 54 E.	12,772	320	9,938	
T. 7 N., R. 53 E.	16,178	1,436	6,632	
T. 7 N., R. 52 E.	12,770		10,232	
T. 7 N., R. 51 E.	12,957	1,012	8,421	
T. 7 N., R. 50 E.	13,911	674	8,966	
T. 7 N., R. 47 E.	7,401		15,639	
T. 7 N., R. 46 E.	3,960	392	17,648	
T. 7 N., R. 45 E.	15,252	1,894	5,894	
T. 7 N., R. 44 E.	12,160		10,880	
T. 7 N., R. 43 E.	12,894	800	9,346	
T. 7 N., R. 42 E.	11,520		11,520	
T. 7 N., R. 41 E.	13,401	160	9,479	
T. 7 N., R. 40 E.	12,720		10,320	
T. 7 N., R. 39 E.	13,410	149	9,481	
T. 7 N., R. 30 E.	12,923	321	9,796	
T. 7 N., R. 29 E.	11,520	200	11,320	
T. 7 N., R. 28 E.	13,660	920	8,460	
T. 7 N., R. 27 E.	11,520	320	11,200	
T. 7 N., R. 26 E.	11,748	280	11,012	
T. 7 N., R. 25 E.	14,420	440	8,180	
T. 7 N., R. 17 E.	14,590	1,360	7,090	
T. 7 N., R. 16 E.	13,605	360	9,075	
T. 7 N., R. 15 E.	15,795	2,360	4,885	
T. 7 N., R. 14 E.	14,280		8,760	
T. 7 N., R. 13 E.	15,880	160	7,000	
T. 7 N., R. 12 E.	14,900	365	7,175	
T. 7 N., R. 11 E.	18,815	440	3,785	
T. 7 N., R. 10 E.	13,795	1,920	5,405	
T. 7 N., R. 9 E.	10,435	1,310	11,295	
T. 7 N., R. 8 E.	14,380	1,915	6,745	
T. 7 N., R. 12 W.		160	22,880	
T. 7 N., R. 13 W.	80		22,960	

*List of lands probably containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 7 N., R. 17 W			23,040	
T. 7 N., R. 18 W			23,040	
T. 6 N., R. 61 E.			17,920	
T. 6 N., R. 60 E.			23,040	
T. 6 N., R. 59 E.			23,040	
T. 6 N., R. 58 E.	200		22,840	
T. 6 N., R. 57 E.		160	22,880	
T. 6 N., R. 56 E.			23,040	
T. 6 N., R. 55 E.	4,280		18,760	
T. 6 N., R. 54 E.	11,520		11,520	
T. 6 N., R. 53 E.	11,520	320	11,200	
T. 6 N., R. 52 E.	12,540	1,230	9,270	
T. 6 N., R. 51 E.	13,314	480	9,246	
T. 6 N., R. 50 E.	12,820		10,220	
T. 6 N., R. 49 E.	12,770		10,270	
T. 6 N., R. 48 E.	14,289	360	8,400	
T. 6 N., R. 47 E.	11,520	114	11,406	
T. 6 N., R. 46 E.	11,520		11,520	
T. 6 N., R. 45 E.	12,220	740	10,080	
T. 6 N., R. 44 E.	13,620	830	8,590	
T. 6 N., R. 43 E.	15,680	800	6,560	
T. 6 N., R. 42 E.	15,840	380	6,820	
T. 6 N., R. 41 E.	14,785	720	7,535	
T. 6 N., R. 40 E.	13,385	380	9,275	
T. 6 N., R. 39 E.	15,480	1,450	6,110	
T. 6 N., R. 29 E.	11,520		11,520	
T. 6 N., R. 28 E.	12,795		10,245	
T. 6 N., R. 27 E.	13,320	480	9,240	
T. 6 N., R. 26 E.	12,795	480	10,765	
T. 6 N., R. 25 E.	12,882	160	9,998	
T. 6 N., R. 24 E.	11,860	160	11,020	
T. 6 N., R. 20 E.	14,890	430	9,912	
T. 6 N., R. 19 E.	15,630	480	9,159	
T. 6 N., R. 18 E.	19,755	1,330	4,146	
T. 6 N., R. 17 E.	14,620		10,618	
T. 6 N., R. 16 E.	14,980	480	9,778	
T. 6 N., R. 15 E.	14,910	1,160	10,615	
T. 6 N., R. 14 E.	17,460	2,125	6,023	
T. 6 N., R. 13 E.	18,385	1,920	5,132	
T. 6 N., R. 12 E.	15,540	1,320	7,500	
T. 6 N., R. 9 E.	12,075	1,120	9,845	
T. 6 N., R. 8 E.	14,110	1,280	7,650	
T. 5 N., R. 61 E.			17,920	
T. 5 N., R. 60 E.			23,040	
T. 5 N., R. 59 E.	120		22,920	
T. 5 N., R. 58 E.	120	80	22,840	
T. 5 N., R. 57 E.	120	480	22,440	
T. 5 N., R. 56 E.		320	22,720	
T. 5 N., R. 55 E.			23,040	
T. 5 N., R. 54 E.	1,280	11,515	10,245	
T. 5 N., R. 53 E.	11,560		11,500	
T. 5 N., R. 52 E.	12,520	880	9,640	
T. 5 N., R. 51 E.	11,520	200	11,320	
T. 5 N., R. 50 E.	12,955		10,085	
T. 5 N., R. 49 E.	13,110	640	9,290	
T. 5 N., R. 48 E.	13,084	320	9,636	
T. 5 N., R. 47 E.	13,480		9,560	
T. 5 N., R. 46 E.	13,310	160	9,730	
T. 5 N., R. 45 E.	13,280	680	9,080	
T. 5 N., R. 44 E.	12,160	240	10,640	
T. 5 N., R. 43 E.	12,820	280	9,940	
T. 5 N., R. 42 E.	13,710		9,330	
T. 5 N., R. 41 E.	11,520		11,520	
T. 5 N., R. 40 E.	11,520		11,520	
T. 5 N., R. 39 E.	12,910	40	10,090	
T. 5 N., R. 28 E.	11,520	40	11,480	
T. 5 N., R. 27 E.	12,818		10,222	
T. 5 N., R. 26 E.	13,408	320	9,312	
T. 5 N., R. 25 E.	12,970	470	9,600	
T. 5 N., R. 24 E.	13,120		9,920	
T. 5 N., R. 21 E.	12,560	480	10,000	
T. 5 N., R. 20 E.	12,990		10,050	
T. 5 N., R. 19 E.	13,158	240	9,642	
T. 5 N., R. 18 E.	13,525		9,515	
T. 5 N., R. 17 E.	13,995	240	14,235	
T. 5 N., R. 16 E.	13,200	640	9,200	



List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 5 N., R. 7 E.	14,820	2,280	5,940	
T. 5 N., R. 5 E.	11,360	320	11,360	
T. 5 N., R. 4 E.	10,880	520	11,640	
Fractional T. 4 N., R. 62 E.			3,840	
T. 4 N., R. 61 E.			23,040	
T. 4 N., R. 60 E.		560	22,480	
T. 4 N., R. 59 E.		320	22,720	
T. 4 N., R. 58 E.		700	22,340	
T. 4 N., R. 57 E.	160		22,980	
T. 4 N., R. 56 E.		240	22,800	
T. 4 N., R. 55 E.			23,040	
T. 4 N., R. 54 E.	1,280	11,358	10,402	
T. 4 N., R. 53 E.	13,270	630	9,140	
T. 4 N., R. 52 E.	11,520		11,520	
T. 4 N., R. 51 E.	11,520		11,520	
T. 4 N., R. 50 E.	12,800	640	9,600	
T. 4 N., R. 49 E.	12,800	160	10,034	
T. 4 N., R. 48 E.	12,650	315	10,075	
T. 4 N., R. 47 E.	14,334	160	8,546	
T. 4 N., R. 46 E.	11,520	280	11,240	
T. 4 N., R. 45 E.	11,520	80	11,440	
T. 4 N., R. 44 E.	12,875	520	9,645	
Fractional T. 4 N., R. 43 E.	12,200		10,530	
T. 4 N., R. 42 E.	12,534	160	10,346	
T. 4 N., R. 41 E.	11,640		11,400	
T. 4 N., R. 40 E.	12,569		10,471	
T. 4 N., R. 39 E.	11,520		11,520	
T. 4 N., R. 25 E.	13,198	481	9,461	
T. 4 N., R. 24 E.	12,760	870	9,410	
T. 4 N., R. 22 E.	12,800	332	9,908	
T. 4 N., R. 21 E.	11,615	160	11,265	
T. 4 N., R. 20 E.	13,133		9,907	
T. 4 N., R. 19 E.	13,295	418	9,327	
T. 4 N., R. 9 E.	17,867	3,491	1,682	
T. 4 N., R. 8 E.	13,915	478	8,647	
T. 4 N., R. 7 E.	14,020	845	8,175	
T. 4 N., R. 6 E.	13,914	310	8,716	
T. 4 N., R. 5 E.	11,780	3,430	7,830	
T. 4 N., R. 4 E.	6,840	1,360	14,840	
Fractional T. 3 N., R. 62 E.			3,840	
T. 3 N., R. 61 E.			23,040	
T. 3 N., R. 60 E.	1,800	520	20,720	
T. 3 N., R. 59 E.	1,716	520	20,824	
T. 3 N., R. 58 E.	1,920	560	20,660	
T. 3 N., R. 57 E.			23,040	
T. 3 N., R. 56 E.			23,040	
T. 3 N., R. 55 E.			23,040	
T. 3 N., R. 54 E.	12,224		10,816	
T. 3 N., R. 53 E.	12,284		10,756	
T. 3 N., R. 52 E.	12,080		10,960	
T. 3 N., R. 51 E.	13,200	160	9,680	
T. 3 N., R. 50 E.	13,157		9,930	
T. 3 N., R. 49 E.	13,360	600	9,080	
T. 3 N., R. 48 E.	12,792		10,248	
T. 3 N., R. 47 E.	12,792	300	9,948	
T. 3 N., R. 46 E.	13,857	895	8,288	
T. 3 N., R. 45 E.	12,791	120	10,029	
T. 3 N., R. 44 E.	11,560		11,480	
T. 3 N., R. 43 E.	13,280	320	9,440	
T. 3 N., R. 42 E.	12,895	160	9,985	
T. 3 N., R. 41 E.	13,072	320	9,648	
T. 3 N., R. 40 E.	12,757	320	9,963	
T. 3 N., R. 39 E.	11,520	200	11,329	
T. 3 N., R. 23 E.	12,867	240	9,923	
T. 3 N., R. 22 E.	13,124	240	9,676	
T. 3 N., R. 21 E.	12,822	40	10,178	
T. 3 N., R. 20 E.	12,714		10,326	
T. 3 N., R. 8 E.	13,990	1,800	7,250	
T. 3 N., R. 7 E.	13,942	2,027	7,071	
T. 3 N., R. 6 E.	12,399	160	10,481	
T. 3 N., R. 5 E.	17,819	200	5,021	
T. 3 N., R. 4 E.	17,530	1,818	4,692	
T. 3 N., R. 19 W.	10,915	5,260	6,865	
T. 3 N., R. 20 W.	5,343	9,216	8,481	
T. 2 N., R. 59 E.	3,758	840	8,442	
T. 2 N., R. 57 E.	2,720	1,400	18,920	

*List of lands probably containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 2 N., R. 56 E.		600	22, 440	
T. 2 N., R. 55 E.			23, 040	
T. 2 N., R. 54 E.	2, 505	9, 172	11, 363	
T. 2 N., R. 53 E.	1, 280	11, 802	9, 958	
T. 2 N., R. 52 E.	11, 490		11, 550	
T. 2 N., R. 51 E.	13, 009	160	9, 871	
T. 2 N., R. 50 E.	13, 080		9, 960	
T. 2 N., R. 49 E.	13, 515		9, 425	
T. 2 N., R. 48 E.	11, 520		11, 520	
T. 2 N., R. 47 E.	11, 600		11, 440	
T. 2 N., R. 46 E.	11, 520		11, 520	
T. 2 N., R. 45 E.	13, 780	720	8, 540	
T. 2 N., R. 44 E.	13, 225	40	9, 775	
T. 2 N., R. 43 E.	13, 160	160	9, 720	
T. 2 N., R. 42 E.	11, 520	160	11, 360	
T. 2 N., R. 41 E.	12, 800	40	10, 200	
T. 2 N., R. 40 E.	11, 510	160	11, 370	
T. 2 N., R. 39 E.	11, 600		11, 440	
T. 2 N., R. 23 E.	12, 780		10, 260	
T. 2 N., R. 22 E.	12, 770		10, 270	
T. 2 N., R. 21 E.	11, 415	550	10, 275	
T. 2 N., R. 7 E.	14, 990	320	7, 730	
T. 2 N., R. 6 E.	2, 360	160	20, 520	
T. 2 N., R. 4 E.	17, 115	1, 925	4, 000	
T. 2 N., R. 3 E.	15, 590	940	6, 510	
T. 1 N., R. 62 E.			3, 840	
T. 1 N., R. 61 E.			23, 040	
T. 1 N., R. 60 E.		320	22, 720	
T. 1 N., R. 59 E.	2, 080	2, 520	18, 440	
T. 1 N., R. 58 E.	5, 260	2, 640	15, 140	
T. 1 N., R. 57 E.	480		22, 560	
T. 1 N., R. 56 E.		360	22, 680	
T. 1 N., R. 55 E.	40	160	22, 840	
T. 1 N., R. 54 E.	3, 200	7, 885	11, 250	
T. 1 N., R. 53 E.	1, 600	10, 230	11, 210	
T. 1 N., R. 52 E.	1, 320	11, 605	10, 560	
T. 1 N., R. 51 E.	11, 520	320	11, 200	
T. 1 N., R. 50 E.	1, 440	11, 925	9, 675	
T. 1 N., R. 49 E.	10, 000	1, 600	11, 440	
T. 1 N., R. 48 E.	13, 360		9, 680	
T. 1 N., R. 47 E.	11, 600		11, 440	
T. 1 N., R. 46 E.	11, 520		11, 520	
T. 1 N., R. 45 E.	12, 810	300	9, 930	
T. 1 N., R. 44 E.	14, 155	415	8, 470	
T. 1 N., R. 43 E.	13, 160	160	9, 720	
T. 1 N., R. 42 E.	13, 360	480	9, 200	
T. 1 N., R. 41 E.	11, 520	160	11, 360	
T. 1 N., R. 40 E.	11, 520	80	11, 440	
T. 1 N., R. 39 E.	11, 520	120	11, 400	
T. 1 N., R. 23 E.	13, 080		9, 960	
T. 1 N., R. 22 E.	13, 120	200	9, 704	
T. 1 N., R. 21 E.	13, 840	160	9, 040	
T. 1 N., R. 8 E.	12, 800	1, 880	8, 360	
T. 1 N., R. 7 E.	12, 764	975	9, 301	
T. 1 N., R. 1 W.	14, 585	800	7, 655	
T. 1 N., R. 2 W.	9, 400	730	12, 910	
T. 1 S., R. 62 E.			23, 040	
T. 1 S., R. 61 E.		160	22, 880	
T. 1 S., R. 60 E.	1, 600	2, 202	20, 331	
T. 1 S., R. 59 E.	1, 280	160	21, 776	
T. 1 S., R. 58 E.	1, 779	360	9, 727	
T. 1 S., R. 57 E.		160	22, 880	
T. 1 S., R. 56 E.			23, 040	
T. 1 S., R. 55 E.		160	22, 880	
T. 1 S., R. 54 E.	2, 871	4, 756	15, 413	
T. 1 S., R. 53 E.	2, 312	7, 988	12, 740	
T. 1 S., R. 52 E.	280	2, 094	20, 666	
T. 1 S., R. 51 E.	1, 280	11, 684	10, 075	
T. 1 S., R. 50 E.	12, 371	400	10, 249	
T. 1 S., R. 49 E.	13, 748	560	7, 596	
T. 1 S., R. 48 E.	14, 633	320	8, 407	
T. 1 S., R. 47 E.	12, 480	320	10, 240	
T. 1 S., R. 46 E.	11, 950		11, 090	
T. 1 S., R. 45 E.	12, 600	320	10, 120	
T. 1 S., R. 44 E.	13, 695	313	14, 008	
T. 1 S., R. 43 E.	11, 440	520	12, 029	
T. 1 S., R. 42 E.	14, 042	1, 069	7, 717	

List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 1 S., R. 41 E.	14,425	480	8,433	
T. 1 S., R. 40 E.	11,520		11,520	
T. 1 S., R. 39 E.	11,520		11,520	
T. 1 S., R. 23 E.	12,764		10,276	
T. 1 S., R. 22 E.	13,374		9,666	
T. 1 S., R. 13 E.	20,745	469	2,399	
T. 1 S., R. 12 E.	15,290	670	6,888	
T. 1 S., R. 11 E.	13,897	712	8,431	
T. 1 S., R. 10 E.	13,359	2,121	7,514	
T. 1 S., R. 6 E.	12,058	930	10,052	
T. 1 S., R. 2 W.	15,535	2,724	4,781	
T. 1 S., R. 16 W.	9,105	3,120	10,506	
T. 1 S., R. 17 W.			23,040	
T. 2 S., R. 62 E.	1,920	480	20,640	
T. 2 S., R. 61 E.	1,280		21,760	
T. 2 S., R. 60 E.	1,280	480	21,280	
T. 2 S., R. 59 E.	1,280	800	20,960	
T. 2 S., R. 58 E.	1,280	320	21,440	
T. 2 S., R. 57 E.	1,280		21,760	
T. 2 S., R. 56 E.	1,280		21,760	
T. 2 S., R. 55 E.	1,600		21,440	
T. 2 S., R. 54 E.	1,280		21,760	
T. 2 S., R. 53 E.	1,320	160	21,560	
T. 2 S., R. 52 E.	1,280	240	21,520	
T. 2 S., R. 51 E.	1,480		21,560	
T. 2 S., R. 50 E.	7,080		15,960	
Fractional T. 2 S., R. 49 E.	12,800		10,000	
T. 2 S., R. 48 E.	12,960	160	9,920	
T. 2 S., R. 47 E.	10,521	800	11,719	
T. 2 S., R. 46 E.	1,280		21,760	
T. 2 S., R. 45 E.	2,160		20,880	
T. 2 S., R. 44 E.	14,080	160	8,800	
T. 2 S., R. 43 E.	1,760		21,280	
T. 2 S., R. 42 E.	1,920		21,120	
T. 2 S., R. 41 E.	4,960	160	17,920	
T. 2 S., R. 40 E.	2,800		2,120	18,120
T. 2 S., R. 39 E.	2,400		2,400	18,240
Fractional T. 2 S., R. 23 E.	17,960	1,360	2,960	
T. 2 S., R. 22 E.	14,200	720	8,120	
T. 2 S., R. 13 E.	10,280	1,600	11,160	
T. 2 S., R. 12 E.	11,360	1,280	10,400	
T. 2 S., R. 16 W.	3,480	7,840	11,700	
T. 2 S., R. 17 W.		2,360	20,680	
Fractional T. 3 S., R. 62 E.		80	16,200	
T. 3 S., R. 61 E.	1,240	640	21,160	
T. 3 S., R. 60 E.		480	22,560	
T. 3 S., R. 59 E.			23,040	
T. 3 S., R. 58 E.	1,280		21,760	
T. 3 S., R. 57 E.			23,040	
T. 3 S., R. 56 E.			23,040	
T. 3 S., R. 55 E.	40		23,000	
T. 3 S., R. 54 E.			23,040	
T. 3 S., R. 53 E.			23,040	
T. 3 S., R. 52 E.			23,040	
T. 3 S., R. 51 E.		80	22,960	
T. 3 S., R. 50 E.	80	80	22,880	
T. 3 S., R. 49 E.	80		22,960	
T. 3 S., R. 48 E.	2,396	10,712	9,932	
T. 3 S., R. 47 E.	3,062	2,637	17,341	
T. 3 S., R. 46 E.			23,040	
T. 3 S., R. 45 E.	12,177	1,834	9,029	
T. 3 S., R. 44 E.	11,725	1,680	9,635	
T. 3 S., R. 43 E.			23,040	
T. 3 S., R. 42 E.			5,040	18,000
T. 3 S., R. 41 E.	320			22,720
T. 3 S., R. 40 E.	880			22,160
T. 3 S., R. 39 E.	320			22,720
T. 3 S., R. 23 E.	5,088	2,606	13,426	
T. 3 S., R. 22 E.	2,756		20,284	
T. 3 S., R. 11 E.	2,260	1,304	19,476	
T. 3 S., R. 10 E.	3,754	480	18,806	
T. 3 S., R. 9 E.	14,387	1,256	7,237	
T. 3 S., R. 8 E.	15,588	1,757	5,835	
T. 3 S., R. 7 E.	13,287	3,975	5,778	
T. 4 S., R. 62 E.	4,180	1,436	10,605	
T. 4 S., R. 61 E.	2,720	799	19,521	
T. 4 S., R. 60 E.			23,040	

*List of lands probably containing workable coal beds—Continued.*

## MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 4 S., R. 59 E.		960	22,080	
T. 4 S., R. 58 E.		160	22,880	
T. 4 S., R. 57 E.		160	22,880	
T. 4 S., R. 56 E.			23,040	
T. 4 S., R. 55 E.	40		23,000	
T. 4 S., R. 54 E.	160		22,880	
T. 4 S., R. 53 E.			23,040	
T. 4 S., R. 52 E.		640	22,400	
T. 4 S., R. 51 E.		320	22,720	
T. 4 S., R. 50 E.	80	80	22,880	
T. 4 S., R. 49 E.			23,040	
T. 4 S., R. 48 E.	2,438	9,540	11,062	
T. 4 S., R. 47 E.	120	120	22,800	
T. 4 S., R. 46 E.			23,040	
T. 4 S., R. 45 E.	3,111	7,236	12,693	
T. 4 S., R. 44 E.	240	960	21,840	
T. 4 S., R. 43 E.	1,520	1,280	20,240	
T. 4 S., R. 42 E.			19,040	4,000
T. 4 S., R. 41 E.			7,680	15,360
T. 4 S., R. 40 E.				23,040
T. 4 S., R. 39 E.				23,040
T. 4 S., R. 23 E.	15,840	3,320	3,880	
T. 4 S., R. 4 E.	12,117		10,923	
T. 4 S., R. 3 E.	12,633	2,209	8,198	
T. 4 S., R. 2 E.	14,880	560	7,600	
T. 5 S., R. 62 E.	6,435	1,510	8,262	
T. 5 S., R. 61 E.	720	800	21,520	
T. 5 S., R. 60 E.			23,040	
T. 5 S., R. 59 E.			23,040	
T. 5 S., R. 58 E.	1,280	2,316	19,444	
T. 5 S., R. 57 E.	1,440	960	20,640	
T. 5 S., R. 56 E.		160	22,880	
T. 5 S., R. 55 E.			23,040	
T. 5 S., R. 54 E.			23,040	
T. 5 S., R. 53 E.			23,040	
T. 5 S., R. 52 E.		160	22,880	
T. 5 S., R. 51 E.	2,720	2,200	18,120	
T. 5 S., R. 50 E.	80		22,960	
T. 5 S., R. 49 E.			23,040	
T. 5 S., R. 48 E.	1,320	400	21,320	
T. 5 S., R. 47 E.	80	20	22,440	
T. 5 S., R. 46 E.		120	22,920	
Fractional T. 5 S., R. 45 E.	6,520	360	14,880	
T. 5 S., R. 44 E.			23,040	
T. 5 S., R. 43 E.	1,040	1,680	20,320	
T. 5 S., R. 42 E.	1,080	720	21,240	
T. 5 S., R. 41 E.			23,040	
T. 5 S., R. 40 E.				23,040
T. 5 S., R. 39 E.				23,040
T. 5 S., R. 38 E.	400			22,640
T. 5 S., R. 21 E.	8,400	5,640	9,000	
T. 5 S., R. 20 E.	4,920	4,280	13,840	
T. 5 S., R. 19 E.	4,560	2,920	15,560	
T. 5 S., R. 18 E.	10,160	5,280	7,600	
T. 5 S., R. 17 E.	6,600	3,360	13,080	
T. 5 S., R. 3 E.			23,040	
T. 5 S., R. 2 E.	5,600		17,440	
T. 6 S., R. 62 E.	2,400	2,280	18,210	
T. 6 S., R. 61 E.	960	240	21,840	
T. 6 S., R. 60 E.			23,040	
T. 6 S., R. 59 E.			23,040	
T. 6 S., R. 58 E.		160	22,880	
T. 6 S., R. 57 E.			23,040	
T. 6 S., R. 56 E.		480	22,560	
T. 6 S., R. 55 E.			23,040	
T. 6 S., R. 54 E.			23,040	
T. 6 S., R. 53 E.		80	22,960	
T. 6 S., R. 52 E.			23,040	
T. 6 S., R. 51 E.		600	22,440	
T. 6 S., R. 50 E.	3,680	1,440	17,920	
T. 6 S., R. 49 E.			23,040	
T. 6 S., R. 48 E.	1,000		22,040	
T. 6 S., R. 47 E.	200		22,840	
T. 6 S., R. 46 E.	2,400	400	22,040	
T. 6 S., R. 45 E.			23,040	
T. 6 S., R. 41 E.			23,040	
T. 6 S., R. 43 E.	1,720	520	20,800	
T. 6 S., R. 42 E.	3,440	160	19,440	

List of lands probably containing workable coal beds—Continued.

MONTANA MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 6 S., R. 41 E.			23,040	
T. 6 S., R. 40 E.	1,360	320	21,360	
T. 6 S., R. 21 E.	5,320	6,240	11,480	
T. 6 S., R. 20 E.	7,480	8,120	7,440	
T. 6 S., R. 19 E.	1,660	10,120	11,260	
T. 6 S., R. 18 E.	6,120	6,440	10,480	
T. 6 S., R. 17 E.	2,360	1,280	19,440	
T. 6 S., R. 4 E.	800		22,240	
T. 6 S., R. 3 E.	9,360	320	13,360	
T. 6 S., R. 2 E.	11,520		11,520	
T. 6 S., R. 11 W.	175	320	22,545	
T. 6 S., R. 12 W.	4,200	720	18,120	
T. 7 S., R. 56 E.			23,040	
T. 7 S., R. 55 E.			23,040	
T. 7 S., R. 54 E.			23,040	
T. 7 S., R. 53 E.			23,040	
T. 7 S., R. 52 E.		560	22,480	
T. 7 S., R. 51 E.	80		22,880	
T. 7 S., R. 50 E.	40	240	22,760	
T. 7 S., R. 49 E. (fractional)	2,544	1,702	18,366	
T. 7 S., R. 48 E.			23,040	
T. 7 S., R. 47 E.	120		22,920	
T. 7 S., R. 46 E.	2,480	480	20,080	
T. 7 S., R. 45 E.		440	22,600	
T. 7 S., R. 44 E.	1,280		23,040	
T. 7 S., R. 43 E.	1,720	1,120	20,200	
T. 7 S., R. 42 E.	640	235	22,165	
T. 7 S., R. 41 E.	1,600	520	20,920	
T. 7 S., R. 40 E.		240	22,800	
T. 7 S., R. 4 E.	9,320	800	12,920	
T. 7 S., R. 3 E.	11,520		11,520	
T. 7 S., R. 11 W.		160	22,880	
T. 7 S., R. 12 W.	8,440	1,160	14,480	
T. 8 S., R. 54 E.	40		23,040	
T. 8 S., R. 53 E.	40	80	22,920	
T. 8 S., R. 52 E.	2,320	1,040	19,680	
T. 8 S., R. 51 E.	160		22,880	
T. 8 S., R. 50 E.		80	22,960	
Fractional T. 8 S., R. 49 E.	1,360	560	21,120	
T. 8 S., R. 48 E.	1,200	1,680	20,160	
T. 8 S., R. 47 E.			23,040	
T. 8 S., R. 46 E.	160		22,880	
T. 8 S., R. 45 E.			23,040	
T. 8 S., R. 44 E.			23,040	
T. 8 S., R. 43 E.	2,240		20,800	
T. 8 S., R. 42 E.			23,040	
T. 8 S., R. 41 E.	1,880	320	20,840	
T. 8 S., R. 40 E.	1,920	1,200	19,920	
T. 8 S., R. 24 E.	1,280	80	21,680	
T. 8 S., R. 22 E.	6,560	2,880	13,600	
T. 8 S., R. 5 E.	11,520	160	11,360	
T. 8 S., R. 4 E.	8,480	2,720	11,840	
T. 8 S., R. 3 E.	13,120		9,920	
T. 9 S., R. 54 E.		320	22,720	
T. 9 S., R. 53 E.		120	22,920	
T. 9 S., R. 52 E.	1,640	836	20,564	
T. 9 S., R. 51 E.		160	22,880	
T. 9 S., R. 50 E.	40	160	22,840	
T. 9 S., R. 49 E.		680	22,360	
T. 9 S., R. 48 E.		440	22,600	
T. 9 S., R. 47 E.		80	22,960	
T. 9 S., R. 46 E.			23,040	
T. 9 S., R. 45 E.			23,040	
T. 9 S., R. 44 E.			23,040	
T. 9 S., R. 43 E.		280	22,760	
T. 9 S., R. 42 E.			23,040	
T. 9 S., R. 41 E.	1,280		21,760	
T. 9 S., R. 40 E.	4,960	1,460	16,620	
T. 9 S., R. 39 E.		320	22,720	
T. 9 S., R. 24 E.			23,040	
T. 9 S., R. 22 E.	4,120	1,440	17,480	
T. 9 S., R. 21 E.	3,120	1,160	18,760	
T. 9 S., R. 20 E.			23,040	
T. 9 S., R. 9 E.		160	22,880	
T. 9 S., R. 4 E.		320	22,720	
Total	7,467,612	1,027,428	21,491,230	684,310

## NEW MEXICO.

*List of lands probably containing workable coal beds.*

## NEW MEXICO MERIDIAN.

[Aeres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Fractional T. 32 N., R. 28 E.	2,280	940	6,640	.....
Fractional T. 32 N., R. 27 E.	3,040	1,040	5,520	.....
Fractional T. 32 N., R. 26 E.	5,120	2,440	2,040	.....
Fractional T. 32 N., R. 3 W.	9,900	.....	5,460	.....
Fractional T. 32 N., R. 4 W.	.....	.....	18,250	.....
Fractional T. 32 N., R. 5 W.	.....	.....	18,250	.....
Fractional T. 32 N., R. 6 W.	3,420	1,360	13,000	.....
Fractional T. 32 N., R. 7 W.	2,080	520	16,600	.....
Fractional T. 32 N., R. 8 W.	1,280	.....	19,200	.....
Fractional T. 32 N., R. 9 W.	1,280	.....	19,200	.....
Fractional T. 32 N., R. 10 W.	3,640	280	15,280	.....
Fractional T. 32 N., R. 11 W.	1,280	.....	19,200	.....
T. 31 N., R. 28 E.	5,200	3,760	14,080	.....
T. 31 N., R. 27 E.	12,460	4,480	6,100	.....
T. 31 N., R. 24 E.	19,040	2,320	1,680	.....
T. 31 N., R. 2 W.	21,080	.....	1,960	.....
T. 31 N., R. 3 W.	9,720	.....	13,320	.....
T. 31 N., R. 4 W.	1,280	.....	21,760	.....
T. 31 N., R. 5 W.	1,280	.....	21,760	.....
T. 31 N., R. 6 W.	1,800	.....	21,240	.....
T. 31 N., R. 7 W.	1,520	1,040	20,480	.....
T. 31 N., R. 8 W.	1,280	.....	21,760	.....
T. 31 N., R. 9 W.	1,280	.....	21,760	.....
T. 31 N., R. 10 W.	3,560	400	19,080	.....
T. 31 N., R. 11 W.	4,240	880	17,920	.....
T. 31 N., R. 12 W.	2,080	.....	20,960	.....
T. 30 N., R. 23 E.	23,040	.....	.....	.....
T. 30 N., R. 1 W.	16,320	.....	6,740	.....
T. 30 N., R. 2 W.	10,720	.....	12,320	.....
T. 30 N., R. 3 W.	2,520	.....	20,520	.....
T. 30 N., R. 4 W.	.....	.....	23,040	.....
T. 30 N., R. 5 W.	1,280	.....	21,760	.....
T. 30 N., R. 6 W.	1,280	.....	21,760	.....
T. 30 N., R. 7 W.	2,000	400	20,640	.....
T. 30 N., R. 8 W.	2,760	566	19,720	.....
T. 30 N., R. 9 W.	1,960	480	20,600	.....
T. 30 N., R. 10 W.	1,280	.....	21,760	.....
T. 30 N., R. 11 W.	5,080	4,840	13,120	.....
T. 30 N., R. 12 W.	6,220	2,040	14,780	.....
T. 29 N., R. 23 E.	23,040	.....	.....	.....
T. 29 N., R. 22 E.	23,040	.....	.....	.....
T. 29 N., R. 1 W.	12,040	.....	11,000	.....
T. 29 N., R. 2 W.	5,720	.....	17,320	.....
T. 29 N., R. 3 W.	5,520	.....	17,520	.....
T. 29 N., R. 4 W.	1,280	.....	21,760	.....
T. 29 N., R. 5 W.	1,280	.....	21,760	.....
T. 29 N., R. 6 W.	1,280	.....	21,760	.....
T. 29 N., R. 7 W.	1,280	.....	21,760	.....
T. 29 N., R. 8 W.	1,280	.....	21,760	.....
T. 29 N., R. 9 W.	4,320	2,320	16,400	.....
T. 29 N., R. 10 W.	4,280	2,560	16,200	.....
T. 29 N., R. 11 W.	5,280	4,000	13,760	.....
T. 29 N., R. 12 W.	3,760	7,520	11,740	.....
T. 29 N., R. 13 W.	10,080	1,120	11,840	.....
T. 28 N., R. 22 E.	23,040	.....	.....	.....
T. 28 N., R. 21 E.	23,040	.....	.....	.....
T. 28 N., R. 20 E.	23,040	.....	.....	.....
T. 28 N., R. 18 E.	23,040	.....	.....	.....
T. 28 N., R. 1 W.	5,760	.....	17,280	.....
T. 28 N., R. 2 W.	2,720	.....	20,320	.....
T. 28 N., R. 3 W.	1,600	.....	21,400	.....
T. 28 N., R. 4 W.	1,280	.....	21,760	.....
T. 28 N., R. 5 W.	.....	.....	23,040	.....
T. 28 N., R. 6 W.	1,280	.....	21,760	.....
T. 28 N., R. 7 W.	.....	.....	23,040	.....
T. 28 N., R. 8 W.	.....	.....	23,040	.....
T. 28 N., R. 9 W.	.....	.....	23,040	.....
T. 28 N., R. 10 W.	.....	.....	23,040	.....
T. 28 N., R. 11 W.	1,280	.....	21,760	.....
T. 28 N., R. 12 W.	.....	.....	23,040	.....
T. 28 N., R. 13 W.	1,280	.....	21,760	.....
T. 27 N., R. 21 E.	23,040	.....	.....	.....
T. 27 N., R. 20 E.	23,040	.....	.....	.....

List of lands probably containing workable coal beds—Continued.

NEW MEXICO MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 27 N., R. 19 E	23,040			
T. 27 N., R. 18 E	23,040			
T. 27 N., R. 1 W			23,040	
T. 27 N., R. 2 W			23,040	
T. 27 N., R. 3 W	2,760		20,280	
T. 27 N., R. 4 W	1,280		21,760	
T. 27 N., R. 5 W	1,280		21,760	
T. 27 N., R. 6 W	1,280		21,760	
T. 27 N., R. 7 W	1,280		21,760	
T. 27 N., R. 8 W	1,280		21,760	
T. 27 N., R. 9 W	1,280		21,760	
T. 27 N., R. 10 W			23,040	
T. 27 N., R. 11 W	1,280		21,760	
T. 27 N., R. 12 W			23,040	
T. 27 N., R. 13 W	1,280		21,760	
T. 26 N., R. 20 E	23,040			
T. 26 N., R. 19 E	23,040			
T. 26 N., R. 18 E	23,040			
T. 26 N., R. 1 W			23,040	
T. 26 N., R. 2 W			23,040	
T. 26 N., R. 3 W			23,040	
T. 26 N., R. 4 W	1,280		21,760	
T. 26 N., R. 5 W	1,360		21,680	
T. 26 N., R. 6 W	1,280		21,760	
T. 26 N., R. 7 W	1,600		21,440	
T. 26 N., R. 8 W	1,280		21,760	
T. 26 N., R. 9 W	1,280		21,760	
T. 26 N., R. 10 W	1,280		21,760	
T. 26 N., R. 11 W	1,280		21,760	
T. 26 N., R. 12 W			23,040	
T. 26 N., R. 13 W	1,280		21,760	
T. 25 N., R. 21 E	23,040			
T. 25 N., R. 20 E	23,040			
T. 25 N., R. 19 E	23,040			
T. 25 N., R. 2 W			23,040	
T. 25 N., R. 3 W			23,040	
T. 25 N., R. 4 W	1,440		21,600	
T. 25 N., R. 5 W	1,280		21,760	
T. 25 N., R. 6 W	1,800		21,240	
T. 25 N., R. 7 W	1,280		21,760	
T. 25 N., R. 8 W	1,280		21,760	
T. 25 N., R. 9 W	1,280		21,760	
T. 25 N., R. 10 W	1,280		21,760	
T. 25 N., R. 11 W	1,280		21,760	
T. 25 N., R. 12 W			23,040	
T. 25 N., R. 13 W	1,280		21,760	
T. 24 N., R. 21 E	23,040			
T. 24 N., R. 20 E	19,760	1,800	1,480	
T. 24 N., R. 19 E	22,440	320	280	
T. 24 N., R. 2 W			23,040	
T. 24 N., R. 3 W			23,040	
T. 24 N., R. 4 W			23,040	
T. 24 N., R. 5 W	1,600		21,440	
T. 24 N., R. 6 W	1,440		21,600	
T. 24 N., R. 7 W	1,280		21,760	
T. 24 N., R. 8 W	1,280		21,760	
T. 24 N., R. 9 W	1,280		21,760	
T. 24 N., R. 10 W	1,280		21,760	
T. 24 N., R. 11 W	1,280		21,760	
T. 24 N., R. 12 W	1,280		21,760	
T. 23 N., R. 21 E	11,080	3,280	8,680	
T. 23 N., R. 20 E	10,860	4,640	7,540	
T. 23 N., R. 19 E	9,920	4,320	8,800	
T. 23 N., R. 2 W			23,040	
T. 23 N., R. 3 W			23,040	
T. 23 N., R. 4 W			23,040	
T. 23 N., R. 5 W	1,280		21,760	
T. 23 N., R. 6 W	1,280		21,760	
T. 23 N., R. 7 W	1,280		21,760	
T. 23 N., R. 8 W	1,280		21,760	
T. 23 N., R. 9 W	1,280		21,760	
T. 23 N., R. 10 W	1,280		21,760	
T. 23 N., R. 11 W	1,280		21,760	
T. 22 N., R. 21 E	8,240	2,320	12,480	
T. 22 N., R. 20 E	7,120	880	15,040	
T. 22 N., R. 1 W			23,040	

*List of lands probably containing workable coal beds—Continued.*

## NEW MEXICO MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 22 N., R. 2 W			23,040	
T. 22 N., R. 3 W			23,040	
T. 22 N., R. 4 W			23,040	
T. 22 N., R. 5 W	1,440		21,600	
T. 22 N., R. 6 W	1,280		21,760	
T. 22 N., R. 7 W	1,280		21,760	
T. 22 N., R. 8 W	1,280		21,760	
T. 22 N., R. 9 W	1,280		21,760	
T. 21 N., R. 1 W			23,040	
T. 21 N., R. 2 W	1,280		21,760	
T. 21 N., R. 3 W			23,040	
T. 21 N., R. 4 W	1,280		21,760	
T. 21 N., R. 5 W	1,280		21,760	
T. 21 N., R. 6 W	1,280		21,760	
T. 21 N., R. 7 W	1,280		21,760	
T. 21 N., R. 8 W	1,280	5,760	16,000	
T. 20 N., R. 1 W	1,280		21,760	
T. 20 N., R. 2 W	1,280		21,760	
T. 20 N., R. 3 W	1,280		21,760	
T. 20 N., R. 4 W	1,280		21,760	
T. 20 N., R. 5 W			23,040	
T. 20 N., R. 6 W	1,280		21,760	
T. 19 N., R. 2 W	1,280	4,480	17,280	
T. 19 N., R. 3 W	1,280		21,760	
T. 19 N., R. 4 W	1,280		21,760	
T. 19 N., R. 5 W	1,280		21,760	
T. 18 N., R. 12 E	2,440	160	20,440	
T. 18 N., R. 3 W	1,280		21,760	
T. 18 N., R. 4 W	1,280		21,760	
T. 17 N., R. 10 E	7,000	1,200	15,840	
T. 16 N., R. 8 W	12,800		10,240	
T. 15 N., R. 4 W	17,760		5,280	
T. 15 N., R. 5 W	17,760		5,280	
T. 15 N., R. 6 W	16,000		7,040	
T. 15 N., R. 7 W	17,960		5,080	
T. 15 N., R. 8 W	12,800		10,240	
T. 15 N., R. 14 W	12,800		10,240	
T. 15 N., R. 17 W	12,800	320	9,920	
T. 14 N., R. 4 W	17,680	160	5,200	
T. 14 N., R. 5 W	16,400		6,640	
T. 14 N., R. 6 W	12,800	240	10,000	
T. 14 N., R. 7 W	17,280		5,760	
T. 14 N., R. 8 W	14,120		8,920	
T. 14 N., R. 10 W	12,960		10,080	
T. 14 N., R. 11 W	12,800	160	10,080	
T. 14 N., R. 12 W	12,800	160	10,080	
T. 14 N., R. 13 W	16,000		7,040	
T. 14 N., R. 17 W	12,800	160	10,080	
T. 13 N., R. 8 E	19,040	160	3,840	
T. 13 N., R. 7 E	21,120		1,920	
T. 13 N., R. 5 E, E. $\frac{1}{2}$ township	9,680	280	1,560	
T. 12 N., R. 6 E, N. $\frac{1}{2}$ township	3,600	480	7,440	
T. 8 N., R. 20 W	3,840		7,680	11,520
T. 7 N., R. 19 W	12,800		10,240	
T. 7 N., R. 20 W	12,800		10,240	
T. 6 N., R. 16 W	11,520		11,520	
T. 6 N., R. 17 W	12,960		10,080	
T. 6 N., R. 18 W	12,960		10,080	
T. 6 N., R. 19 W	12,800		10,240	
T. 6 N., R. 20 W	14,080		8,960	
T. 3 N., R. 3 W	12,960		10,080	
T. 3 N., R. 16 W	1,280		21,760	
T. 3 N., R. 17 W	3,200	160	19,680	
T. 2 N., R. 3 W	12,960	320	9,760	
T. 2 S., R. 3 E			23,040	
T. 3 S., R. 3 E			23,040	
T. 4 S., R. 3 E	1,280		21,760	
T. 4 S., R. 2 E		40	23,000	
T. 5 S., R. 3 E	1,280		21,760	
T. 5 S., R. 2 E	4,080	960	18,000	
T. 6 S., R. 2 E	1,280		21,760	
T. 11 S., R. 13 E	11,760	80	11,200	
T. 12 S., R. 13 E	1,280	80	21,680	
Total	1,306,740	78,220	3,620,380	11,520



NORTH DAKOTA.

List of lands probably containing workable coal beds.

FIFTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Fractional T. 164 N., R. 72 W.	4,050	1,130	160	
Fractional T. 164 N., R. 73 W.	3,455	1,425	60	
Fractional T. 164 N., R. 74 W.	2,945	1,260	29	
Fractional T. 164 N., R. 75 W.	4,105	160		
Fractional T. 164 N., R. 76 W.	3,805	1,260		
Fractional T. 164 N., R. 86 W.	3,870	1,215		
Fractional T. 164 N., R. 87 W.	3,685	1,185		
Fractional T. 164 N., R. 88 W.	3,295	1,405	30	
Fractional T. 164 N., R. 89 W.	3,275	1,215		
Fractional T. 164 N., R. 90 W.	3,675	930		
Fractional T. 164 N., R. 91 W.	4,375	310		
Fractional T. 164 N., R. 92 W.	3,975	785		
Fractional T. 164 N., R. 94 W.	2,745	1,865	75	
Fractional T. 164 N., R. 95 W.	3,575	1,185		
Fractional T. 164 N., R. 96 W.	2,400	2,200		
Fractional T. 164 N., R. 97 W.	2,740	1,785		
Fractional T. 164 N., R. 98 W.	2,855	1,775		
Fractional T. 164 N., R. 99 W.	1,910	3,060	40	
Fractional T. 164 N., R. 100 W.	640	3,170	500	
Fractional T. 164 N., R. 101 W.	640	1,275	2,820	
Fractional T. 164 N., R. 102 W.	640	1,120	3,000	
T. 163 N., R. 71 W.	13,520	8,800	720	
T. 163 N., R. 72 W.	13,560	7,590	880	
T. 163 N., R. 73 W.	13,065	7,415	1,320	
T. 163 N., R. 74 W.	13,590	8,110	1,340	
T. 163 N., R. 75 W.	20,200	2,480	340	
T. 163 N., R. 76 W.	18,520	3,840	680	
T. 163 N., R. 85 W.	17,740	5,020	280	
T. 163 N., R. 86 W.	14,360	8,440	240	
T. 163 N., R. 87 W.	15,320	7,520	200	
T. 163 N., R. 88 W.	17,360	4,560	1,120	
T. 163 N., R. 89 W.	17,180	5,340	520	
T. 163 N., R. 90 W.	20,760	2,120	160	
T. 163 N., R. 91 W.	19,560	3,040	440	
T. 163 N., R. 92 W.	18,480	4,480	80	
T. 163 N., R. 93 W.	16,520	6,520		
T. 163 N., R. 94 W.	14,560	8,480		
T. 163 N., R. 95 W.	12,420	10,100	520	
T. 163 N., R. 96 W.	13,760	9,040	240	
T. 163 N., R. 97 W.	12,800	10,080	160	
T. 163 N., R. 98 W.	11,040	11,320	680	
T. 163 N., R. 99 W.	5,920	16,720	400	
T. 163 N., R. 100 W.	4,200	18,120	720	
T. 163 N., R. 101 W.	1,040	14,340	7,660	
T. 163 N., R. 102 W.	1,280	12,420	9,250	
E. ½ T. 163 N., R. 103 W.	640	2,400	7,520	
T. 162 N., R. 71 W.				23,040
T. 162 N., R. 72 W.	14,760	7,080	1,200	
T. 162 N., R. 73 W.	13,120	9,340	570	
T. 162 N., R. 74 W.	18,080	4,360	600	
T. 162 N., R. 85 W.	15,360	7,520	160	
T. 162 N., R. 86 W.	15,760	6,760	520	
T. 162 N., R. 87 W.	18,880	4,160		
T. 162 N., R. 88 W.	18,860	3,340	840	
T. 162 N., R. 89 W.	21,280	1,600	160	
T. 162 N., R. 90 W.	20,600	2,440		
T. 162 N., R. 94 W.	7,480	14,960	600	
T. 162 N., R. 95 W.	8,760	13,600	680	
T. 162 N., R. 96 W.	10,280	12,200	560	
T. 162 N., R. 97 W.	11,200	11,680	160	
T. 162 N., R. 98 W.	7,920	13,920	1,200	
T. 162 N., R. 99 W.	1,280	19,920	1,840	
T. 162 N., R. 100 W.	1,280	17,160	4,600	
T. 162 N., R. 101 W.	1,920	15,680	5,440	
T. 162 N., R. 102 W.	1,280	10,220	11,540	
E. ½ T. 162 N., R. 103 W.	640	6,720	4,160	
T. 161 N., R. 84 W.	13,800	9,120	120	
T. 161 N., R. 85 W.	15,760	7,000	280	
T. 161 N., R. 86 W.	17,360	5,440	240	
T. 161 N., R. 89 W.	21,760	1,280		
T. 161 N., R. 90 W.	20,720	2,320		
T. 161 N., R. 92 W.	6,440	14,840	1,760	
T. 161 N., R. 93 W.	5,040	16,160	1,840	
T. 161 N., R. 94 W.	5,200	15,220	2,620	

*List of lands probably containing workable coal beds—Continued.*

## FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 161 N., R. 95 W.	5,880	15,720	1,440	.....
T. 161 N., R. 96 W.	3,280	15,480	4,280	.....
T. 161 N., R. 97 W.	3,840	14,160	5,040	.....
T. 161 N., R. 98 W.	5,410	17,240	360	.....
T. 161 N., R. 99 W.	1,620	19,780	1,640	.....
T. 161 N., R. 100 W.	1,280	17,680	4,080	.....
T. 161 N., R. 101 W.	1,280	12,320	9,440	.....
T. 161 N., R. 102 W.	4,000	12,080	6,960	.....
E. $\frac{1}{2}$ T. 161 N., R. 103 W.	640	7,080	3,800	.....
T. 160 N., R. 84 W.	16,000	6,880	160	.....
T. 160 N., R. 85 W.	15,880	6,920	240	.....
T. 160 N., R. 86 W.	17,000	5,640	400	.....
T. 160 N., R. 87 W.	9,680	12,520	840	.....
T. 160 N., R. 90 W.	15,040	7,160	840	.....
T. 160 N., R. 91 W.	9,140	12,175	1,385	.....
T. 160 N., R. 92 W.	4,040	15,040	3,960	.....
T. 160 N., R. 93 W.	2,720	16,185	3,960	.....
T. 160 N., R. 94 W.	1,120	13,640	8,280	.....
T. 160 N., R. 95 W.	1,600	17,680	3,760	.....
T. 160 N., R. 96 W.	3,400	17,800	1,840	.....
T. 160 N., R. 97 W.	1,760	19,040	2,240	.....
T. 160 N., R. 98 W.	1,280	18,320	3,440	.....
T. 160 N., R. 99 W.	1,600	16,800	4,640	.....
T. 160 N., R. 100 W.	1,280	15,640	6,120	.....
T. 160 N., R. 101 W.	1,280	16,840	4,920	.....
T. 160 N., R. 102 W.	1,280	19,400	2,360	.....
T. 160 N., R. 103 W.	1,280	15,800	2,940	.....
T. 159 N., R. 84 W.	16,200	6,760	80	.....
T. 159 N., R. 85 W.	13,686	8,640	720	.....
T. 159 N., R. 86 W.	17,440	5,120	480	.....
T. 159 N., R. 87 W.	18,080	4,840	120	.....
T. 159 N., R. 89 W.	17,240	5,640	160	.....
T. 159 N., R. 90 W.	8,160	12,920	1,960	.....
T. 159 N., R. 91 W.	3,240	17,240	1,995	.....
T. 159 N., R. 92 W.	3,480	16,880	2,680	.....
T. 159 N., R. 93 W.	3,120	17,320	2,600	.....
T. 159 N., R. 94 W.	3,720	17,160	2,160	.....
T. 159 N., R. 95 W.	2,480	19,880	680	.....
T. 159 N., R. 96 W.	1,800	18,480	2,760	.....
T. 159 N., R. 97 W.	1,760	19,720	1,560	.....
T. 159 N., R. 98 W.	1,280	16,760	5,000	.....
T. 159 N., R. 99 W.	1,280	13,665	7,860	.....
T. 159 N., R. 100 W.	1,760	14,720	6,560	.....
T. 159 N., R. 101 W.	1,840	15,440	5,760	.....
T. 159 N., R. 102 W.	1,280	16,880	4,880	.....
T. 159 N., R. 103 W.	5,120	11,040	4,960	.....
T. 158 N., R. 83 W.	14,000	8,400	640	.....
T. 158 N., R. 84 W.	13,680	7,840	1,520	.....
T. 158 N., R. 86 W.	16,000	5,940	1,100	.....
T. 158 N., R. 87 W.	16,400	5,920	720	.....
T. 158 N., R. 88 W.	14,360	8,180	500	.....
T. 158 N., R. 89 W.	9,880	12,000	1,160	.....
T. 158 N., R. 90 W.	5,320	13,920	3,800	.....
T. 158 N., R. 91 W.	3,680	16,920	2,440	.....
T. 158 N., R. 92 W.	5,360	15,200	2,480	.....
T. 158 N., R. 93 W.	4,640	14,720	3,680	.....
T. 158 N., R. 94 W.	2,640	14,120	6,280	.....
T. 158 N., R. 95 W.	4,160	16,640	2,240	.....
T. 158 N., R. 96 W.	6,360	15,000	1,680	.....
T. 158 N., R. 97 W.	7,040	15,600	400	.....
T. 158 N., R. 98 W.	5,040	17,360	640	.....
T. 158 N., R. 99 W.	2,080	19,520	1,440	.....
T. 158 N., R. 100 W.	2,560	17,360	3,120	.....
T. 158 N., R. 101 W.	1,280	15,360	6,400	.....
T. 158 N., R. 102 W.	1,600	17,320	4,120	.....
T. 158 N., R. 103 W.	12,160	6,160	4,720	.....
T. 157 N., R. 83 W.	15,050	1,400	590	.....
T. 157 N., R. 84 W.	13,640	8,740	660	.....
T. 157 N., R. 85 W.	14,360	8,440	240	.....
T. 157 N., R. 86 W.	17,040	5,680	320	.....
T. 157 N., R. 87 W.	9,600	12,600	840	.....
T. 157 N., R. 88 W.	7,880	12,520	2,640	.....
T. 157 N., R. 89 W.	7,160	13,360	2,520	.....
T. 157 N., R. 90 W.	8,240	12,640	2,160	.....
T. 157 N., R. 91 W.	5,760	13,770	1,330	.....
T. 157 N., R. 92 W.	1,610	11,500	8,600	.....

List of lands probably containing workable coal beds—Continued.

FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 157 N., R. 93 W.	4,720	14,840	3,480	
T. 157 N., R. 94 W.	7,240	13,000	2,800	
T. 157 N., R. 95 W.	7,960	13,960	1,120	
T. 157 N., R. 96 W.	8,720	13,400	920	
T. 157 N., R. 97 W.	7,640	13,080	2,320	
T. 157 N., R. 98 W.	4,960	14,640	3,440	
T. 157 N., R. 99 W.	2,560	16,240	4,240	
T. 157 N., R. 100 W.	3,200	12,140	7,700	
T. 157 N., R. 101 W.	2,240	17,300	3,500	
T. 157 N., R. 102 W.	2,080	19,980	980	
T. 157 N., R. 103 W.	2,880	10,860	9,300	
T. 156 N., R. 82 W.	19,400	3,610	30	
T. 156 N., R. 83 W.	21,200	1,390	450	
T. 156 N., R. 87 W.	13,800	9,000	240	
T. 156 N., R. 88 W.	5,600	15,120	2,320	
T. 156 N., R. 89 W.	3,440	17,320	2,280	
T. 156 N., R. 90 W.	6,200	15,160	1,680	
T. 156 N., R. 91 W.	11,760	11,280		
T. 156 N., R. 92 W.	10,550	11,540	950	
T. 156 N., R. 93 W.	7,160	14,560	1,320	
T. 156 N., R. 95 W.	6,030	15,600	1,410	
T. 156 N., R. 96 W.	3,480	17,160	2,400	
T. 156 N., R. 97 W.	8,720	13,800	520	
T. 156 N., R. 98 W.	8,040	14,400	600	
T. 156 N., R. 99 W.	3,960	16,360	2,720	
T. 156 N., R. 100 W.	4,760	13,040	5,240	
T. 156 N., R. 101 W.	10,500	1,910	10,630	
T. 156 N., R. 102 W.	2,530	17,430	3,080	
T. 156 N., R. 103 W.	1,440	21,050	550	
E. $\frac{1}{2}$ T. 156 N., R. 104 W.	4,400	3,310	1,730	
T. 155 N., R. 82 W.	19,210	3,830		
T. 155 N., R. 86 W.	10,160	12,320	560	
T. 155 N., R. 87 W.	3,800	16,440	2,800	
T. 155 N., R. 88 W.	2,760	18,680	1,600	
T. 155 N., R. 90 W.	4,000	17,400	1,640	
T. 155 N., R. 91 W.	2,570	16,370	4,100	
T. 155 N., R. 93 W.	4,360	16,300	2,380	
T. 155 N., R. 95 W.	2,800	10,470	9,770	
T. 155 N., R. 97 W.	3,410	11,920	7,710	
T. 155 N., R. 98 W.	8,580	13,080	1,380	
T. 155 N., R. 99 W.	5,510	14,560	2,970	
T. 155 N., R. 102 W.	5,420	16,610	1,010	
T. 155 N., R. 103 W.	2,990	17,370	2,680	
E. $\frac{1}{2}$ T. 155 N., R. 104 W.	7,570	1,280	2,670	
T. 154 N., R. 81 W.	18,440	4,240	360	
T. 154 N., R. 82 W.	19,520	3,400	120	
T. 154 N., R. 83 W.	18,960	3,720	360	
T. 154 N., R. 84 W.	13,920	8,120	1,000	
T. 154 N., R. 85 W.	12,080	9,720	1,240	
T. 154 N., R. 86 W.	3,600	15,400	4,040	
T. 154 N., R. 87 W.	2,280	18,160	2,600	
T. 154 N., R. 89 W.	4,200	16,800	2,040	
T. 154 N., R. 90 W.	5,880	16,840	320	
T. 154 N., R. 91 W.	3,560	15,900	3,560	
T. 154 N., R. 92 W.	3,320	11,740	7,980	
T. 154 N., R. 93 W.	3,560	13,400	6,080	
T. 154 N., R. 94 W.	3,720	7,520	11,800	
T. 154 N., R. 95 W.	5,640	5,360	12,040	
T. 154 N., R. 98 W.	3,280	7,160	12,600	
T. 154 N., R. 99 W.	3,120	14,320	5,600	
T. 154 N., R. 103 W.	7,760	13,640	1,640	
E. $\frac{1}{2}$ T. 154 N., R. 104 W.	3,020	4,880	3,620	
T. 153 N., R. 80 W.	17,160	5,420	460	
T. 153 N., R. 81 W.	17,800	4,840	400	
T. 153 N., R. 82 W.	14,480	8,240	320	
T. 153 N., R. 83 W.	11,640	10,920	480	
T. 153 N., R. 84 W.	5,760	15,600	1,680	
T. 153 N., R. 85 W.	4,400	15,420	3,220	
T. 153 N., R. 86 W.	1,520	17,560	3,960	
T. 153 N., R. 87 W.	7,480	14,960	600	
T. 153 N., R. 88 W.	6,560	16,040	400	
T. 153 N., R. 89 W.	4,520	16,720	1,800	
T. 153 N., R. 90 W.	3,200	16,680	3,160	
T. 153 N., R. 92 W.	1,920	14,120	7,000	
T. 153 N., R. 93 W.	2,280	11,240	9,520	

List of lands probably containing workable coal beds—Continued.

FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 153 N., R. 94 W.	1,960	11,440	9,640	.....
T. 153 N., R. 95 W.	2,240	8,720	11,880	.....
T. 153 N., R. 96 W.	1,320	3,200	18,520	.....
T. 153 N., R. 97 W.	2,240	8,080	12,720	.....
T. 153 N., R. 101 W.	3,000	9,240	10,800	.....
T. 153 N., R. 102 W.	5,000	10,040	8,000	.....
T. 153 N., R. 103 W.	3,640	5,960	13,440	.....
E. $\frac{1}{4}$ T. 153 N., R. 104 W.	1,200	3,560	6,760	.....
T. 152 N., R. 79 W.	17,220	5,600	240	.....
T. 152 N., R. 80 W.	18,520	4,520	.....	.....
T. 152 N., R. 83 W.	4,600	15,560	2,880	.....
T. 152 N., R. 84 W.	2,080	18,200	2,760	.....
T. 152 N., R. 85 W.	2,620	17,610	2,400	.....
T. 152 N., R. 86 W.	2,880	18,370	1,690	.....
T. 152 N., R. 87 W.	3,800	12,160	6,480	600
T. 152 N., R. 88 W.	.....	.....	7,680	15,360
T. 152 N., R. 89 W.	.....	.....	7,680	15,360
T. 152 N., R. 90 W.	.....	320	7,360	15,360
T. 152 N., R. 91 W.	.....	.....	7,680	15,360
T. 152 N., R. 92 W.	.....	200	7,480	15,360
T. 152 N., R. 94 W.	.....	.....	7,680	15,360
T. 152 N., R. 95 W.	.....	.....	22,960	80
T. 152 N., R. 96 W.	1,680	16,680	4,780	.....
T. 152 N., R. 97 W.	1,280	6,080	14,480	.....
T. 152 N., R. 98 W.	1,600	9,760	11,680	.....
T. 152 N., R. 99 W.	1,440	2,680	18,920	.....
T. 152 N., R. 100 W.	3,280	4,720	15,040	.....
T. 152 N., R. 101 W.	2,360	9,560	11,120	.....
T. 152 N., R. 102 W.	1,280	9,920	11,840	.....
T. 152 N., R. 103 W.	3,500	7,830	10,190	.....
T. 152 N., R. 104 W.	4,140	8,910	5,690	.....
T. 151 N., R. 78 W.	15,440	6,560	1,040	.....
T. 151 N., R. 80 W.	14,480	8,160	400	.....
T. 151 N., R. 81 W.	5,920	16,080	1,040	.....
T. 151 N., R. 82 W.	9,360	13,000	680	.....
T. 151 N., R. 83 W.	3,840	18,120	1,080	.....
T. 151 N., R. 84 W.	2,710	19,220	880	.....
T. 151 N., R. 85 W.	4,680	17,400	960	.....
T. 151 N., R. 86 W.	9,160	13,560	320	.....
T. 151 N., R. 87 W.	3,480	10,700	8,110	750
T. 151 N., R. 88 W.	.....	.....	.....	23,040
T. 151 N., R. 89 W.	.....	.....	.....	23,040
T. 151 N., R. 90 W.	.....	.....	.....	23,040
T. 151 N., R. 91 W.	.....	.....	.....	23,040
T. 151 N., R. 92 W.	.....	.....	.....	23,040
T. 151 N., R. 93 W.	.....	.....	.....	23,040
T. 151 N., R. 94 W.	.....	.....	.....	23,040
T. 151 N., R. 95 W.	160	.....	22,800	80
T. 151 N., R. 96 W.	2,480	14,240	6,320	.....
T. 151 N., R. 97 W.	1,280	6,720	15,040	.....
T. 151 N., R. 98 W.	1,440	12,840	8,760	.....
T. 151 N., R. 99 W.	1,280	10,440	11,320	.....
T. 151 N., R. 101 W.	1,640	12,960	8,440	.....
T. 151 N., R. 102 W.	1,500	15,840	5,700	.....
T. 151 N., R. 103 W.	1,640	13,880	7,520	.....
T. 151 N., R. 104 W.	5,560	7,980	5,880	.....
T. 150 N., R. 80 W.	5,170	15,050	1,880	.....
T. 150 N., R. 81 W.	2,400	19,400	1,240	.....
T. 150 N., R. 82 W.	4,240	17,560	1,240	.....
T. 150 N., R. 83 W.	5,440	16,760	8,400	.....
T. 150 N., R. 84 W.	7,320	14,840	880	.....
T. 150 N., R. 85 W.	6,960	15,920	160	.....
T. 150 N., R. 86 W.	5,400	16,720	920	.....
T. 150 N., R. 87 W.	4,280	9,320	8,480	960
T. 150 N., R. 88 W.	.....	.....	.....	23,040
T. 150 N., R. 89 W.	.....	.....	.....	23,040
T. 150 N., R. 90 W.	1,280	.....	.....	21,760
T. 150 N., R. 91 W.	16,440	.....	.....	3,530
T. 150 N., R. 92 W.	.....	.....	.....	23,040
T. 150 N., R. 93 W.	.....	.....	.....	23,040
T. 150 N., R. 94 W.	.....	.....	.....	23,040
T. 150 N., R. 95 W.	.....	.....	22,960	80
T. 150 N., R. 96 W.	1,280	3,720	18,040	.....
T. 150 N., R. 97 W.	1,280	3,680	18,080	.....
T. 150 N., R. 98 W.	1,440	17,440	4,160	.....
T. 150 N., R. 99 W.	1,280	14,720	7,040	.....

List of lands probably containing workable coal beds--Continued.

FIFTH PRINCIPAL MERIDIAN--Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 150 N., R. 100 W	1,280	18,560	3,200	
T. 150 N., R. 101 W	1,680	18,200	3,160	
T. 150 N., R. 102 W	1,600	8,960	12,480	
T. 150 N., R. 103 W	1,280	2,000	19,760	
T. 150 N., R. 104 W	2,230	3,590	14,040	
T. 149 N., R. 78 W	6,440	15,160	1,440	
T. 149 N., R. 79 W	3,600	17,880	1,560	
T. 149 N., R. 80 W	4,760	14,880	3,320	
T. 149 N., R. 81 W	3,600	17,960	1,480	
T. 149 N., R. 82 W	3,480	17,720	1,840	
T. 149 N., R. 83 W	7,600	14,520	920	
T. 149 N., R. 84 W	8,120	14,000	920	
T. 149 N., R. 85 W	7,000	15,200	840	
T. 149 N., R. 86 W	6,200	15,920	920	
T. 149 N., R. 87 W	4,310	9,550	8,090	1,090
T. 149 N., R. 88 W				23,040
T. 149 N., R. 89 W				23,040
T. 149 N., R. 90 W	4,680			18,360
T. 149 N., R. 91 W	8,720			13,450
T. 149 N., R. 92 W				23,040
T. 149 N., R. 93 W				23,040
T. 149 N., R. 94 W				23,040
T. 149 N., R. 95 W		40	22,920	80
T. 149 N., R. 96 W	1,280	240	21,520	
T. 149 N., R. 97 W	1,840	2,200	19,000	
T. 149 N., R. 98 W	1,280	3,600	18,160	
T. 149 N., R. 99 W	1,440	12,320	9,280	
T. 149 N., R. 100 W	1,280	10,520	11,240	
T. 149 N., R. 102 W	1,600	13,440	8,000	
T. 149 N., R. 103 W	1,280	2,040	19,720	
T. 149 N., R. 104 W	1,480	1,120	20,440	
T. 148 N., R. 78 W	640	13,260	9,780	
T. 148 N., R. 79 W	4,410	16,230	2,400	
T. 148 N., R. 80 W	5,890	14,740	2,410	
T. 148 N., R. 81 W	7,760	13,120	2,160	
T. 148 N., R. 82 W	7,420	14,080	1,540	
T. 148 N., R. 83 W	3,760	17,920	1,360	
T. 148 N., R. 84 W	5,210	16,710	1,120	
T. 148 N., R. 86 W	7,760	13,710	1,570	
T. 148 N., R. 87 W	9,130	12,760	1,000	150
T. 148 N., R. 88 W				23,040
T. 148 N., R. 89 W				23,040
T. 148 N., R. 91 W	10,380			12,660
T. 148 N., R. 92 W				23,040
T. 148 N., R. 93 W				23,040
T. 148 N., R. 94 W				23,040
T. 148 N., R. 95 W			22,960	80
T. 148 N., R. 96 W			23,040	
T. 148 N., R. 97 W			23,040	
T. 148 N., R. 98 W			23,040	
T. 148 N., R. 99 W			23,040	
T. 148 N., R. 100 W			23,040	
T. 148 N., R. 101 W			23,040	
T. 148 N., R. 102 W			23,040	
T. 148 N., R. 103 W	7,220	480	15,340	
T. 148 N., R. 104 W	8,140		14,900	
E. 1/2 T. 148 N., R. 105 W	4,120		7,400	
T. 147 N., R. 78 W	6,040	10,720	6,160	
T. 147 N., R. 79 W	8,020	12,540	980	
T. 147 N., R. 80 W	11,290	9,310	420	
T. 147 N., R. 81 W	15,930	5,140	160	
T. 147 N., R. 82 W	14,660	7,720	380	
T. 147 N., R. 87 W	3,400	540	430	17,070
T. 147 N., R. 88 W				21,200
T. 147 N., R. 91 W				22,590
T. 147 N., R. 92 W				23,040
T. 147 N., R. 93 W			13,840	9,200
T. 147 N., R. 94 W			13,840	9,200
T. 147 N., R. 97 W	12,480	800	9,760	
T. 147 N., R. 98 W			23,040	
T. 147 N., R. 99 W			23,040	
T. 147 N., R. 100 W			23,040	
T. 147 N., R. 101 W			23,040	
T. 147 N., R. 102 W			23,040	
T. 147 N., R. 104 W	12,800		10,240	
E. 1/2 T. 147 N., R. 105 W	5,490		4,220	

List of lands probably containing workable coal beds—Continued.

FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 146 N., R. 78 W.	17,280	5,420	360	.....
T. 146 N., R. 79 W.	13,910	8,020	1,040	.....
T. 146 N., R. 80 W.	17,780	5,000	200	.....
T. 146 N., R. 86 W.	18,490	3,730	600	.....
T. 146 N., R. 87 W.	17,780	3,950	1,090	.....
T. 146 N., R. 88 W.	9,580	3,120	3,000	7,010
T. 146 N., R. 89 W.	8,780	3,350	2,880	8,000
T. 146 N., R. 90 W.	9,900	3,980	3,360	5,760
T. 146 N., R. 92 W.	7,340	1,120	4,780	9,760
T. 146 N., R. 95 W.	12,800	4,800	5,440	.....
T. 146 N., R. 96 W.	13,380	2,860	6,720	.....
T. 146 N., R. 97 W.	12,640	1,400	9,000	.....
T. 146 N., R. 98 W.	12,800	1,760	8,480	.....
T. 146 N., R. 99 W.	12,800	1,440	8,800	.....
T. 146 N., R. 100 W.	17,280	.....	5,760	.....
T. 146 N., R. 104 W.	12,770	.....	10,210	.....
E. $\frac{1}{2}$ T. 146 N., R. 105 W.	5,510	.....	4,230	.....
T. 145 N., R. 78 W.	15,040	7,120	880	.....
T. 145 N., R. 79 W.	15,440	7,520	80	.....
T. 145 N., R. 81 W.	21,800	1,240	.....	.....
T. 145 N., R. 82 W.	20,800	2,240	.....	.....
T. 145 N., R. 83 W.	22,080	960	.....	.....
T. 145 N., R. 85 W.	19,160	3,520	360	.....
T. 145 N., R. 87 W.	16,000	6,400	640	.....
T. 145 N., R. 88 W.	13,120	7,520	2,400	.....
T. 145 N., R. 89 W.	12,960	7,040	3,040	.....
T. 145 N., R. 90 W.	12,800	5,720	4,520	.....
T. 145 N., R. 91 W.	12,800	4,800	5,440	.....
T. 145 N., R. 92 W.	13,120	5,760	4,160	.....
T. 145 N., R. 94 W.	12,770	4,640	5,560	.....
T. 145 N., R. 95 W.	12,840	5,280	4,920	.....
T. 145 N., R. 96 W.	12,960	3,080	7,000	.....
T. 145 N., R. 97 W.	12,800	2,080	8,160	.....
T. 145 N., R. 98 W.	12,960	880	9,200	.....
T. 145 N., R. 99 W.	12,800	800	9,440	.....
T. 145 N., R. 103 W.	12,760	.....	10,180	.....
T. 145 N., R. 104 W.	12,800	.....	10,240	.....
S. $\frac{1}{2}$ T. 145 N., R. 105 W.	2,900	160	1,800	.....
T. 144 N., R. 78 W.	13,790	7,350	780	.....
T. 144 N., R. 79 W.	14,550	6,750	770	.....
T. 144 N., R. 80 W.	14,370	6,790	870	.....
T. 144 N., R. 82 W.	18,800	1,600	350	.....
T. 144 N., R. 83 W.	18,180	2,010	290	.....
T. 144 N., R. 86 W.	15,110	5,990	1,800	.....
T. 144 N., R. 90 W.	13,210	4,070	5,610	.....
T. 144 N., R. 91 W.	12,730	4,780	5,410	.....
T. 144 N., R. 92 W.	13,070	5,620	4,240	.....
T. 144 N., R. 93 W.	12,680	6,880	3,250	.....
T. 144 N., R. 94 W.	12,710	7,860	2,290	.....
T. 144 N., R. 95 W.	12,960	2,320	7,680	.....
T. 144 N., R. 96 W.	12,800	2,240	8,000	.....
T. 144 N., R. 97 W.	13,060	1,660	8,520	.....
T. 144 N., R. 98 W.	12,860	1,440	8,860	.....
T. 144 N., R. 100 W.	11,520	.....	11,520	.....
T. 144 N., R. 101 W.	11,520	.....	11,520	.....
T. 144 N., R. 105 W.	13,150	.....	10,590	.....
T. 143 N., R. 79 W.	20,300	2,320	80	.....
T. 143 N., R. 82 W.	17,080	5,680	280	.....
T. 143 N., R. 84 W.	14,350	7,000	1,590	.....
T. 143 N., R. 85 W.	14,720	7,240	1,080	.....
T. 143 N., R. 86 W.	13,760	8,280	950	.....
T. 143 N., R. 88 W.	15,480	6,280	1,280	.....
T. 143 N., R. 89 W.	16,100	2,240	4,600	.....
T. 143 N., R. 90 W.	13,280	2,240	7,520	.....
T. 143 N., R. 91 W.	13,720	4,320	5,000	.....
T. 143 N., R. 92 W.	13,060	4,940	4,960	.....
T. 143 N., R. 93 W.	12,960	4,080	6,000	.....
T. 143 N., R. 94 W.	13,520	4,350	5,010	.....
T. 143 N., R. 95 W.	13,120	4,600	5,230	.....
T. 143 N., R. 96 W.	13,280	3,200	6,560	.....
T. 143 N., R. 97 W.	13,840	680	8,520	.....
T. 143 N., R. 98 W.	13,930	2,710	6,260	.....
T. 143 N., R. 99 W.	12,800	1,600	8,640	.....
T. 143 N., R. 100 W.	12,800	1,760	8,480	.....
T. 143 N., R. 101 W.	12,910	480	9,530	.....
T. 143 N., R. 103 W.	12,700	.....	10,130	.....

List of lands probably containing workable coal beds—Continued.

FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 143 N., R. 104 W	12,730	320	9,850	
T. 143 N., R. 105 W	12,660	480	9,660	
T. 142 N., R. 81 W	19,260	1,230	640	
T. 142 N., R. 82 W	15,520	6,000	1,520	
T. 142 N., R. 83 W	13,680	8,800	560	
T. 242 N., R. 87 W	14,080	8,040	920	
T. 142 N., R. 88 W	13,000	5,280	4,760	
T. 142 N., R. 89 W	12,840	320	9,880	
T. 142 N., R. 90 W	15,560	480	7,000	
T. 142 N., R. 91 W	13,520	1,480	8,040	
T. 142 N., R. 94 W	12,700	3,300	6,900	
T. 142 N., R. 95 W	12,760	2,310	7,900	
T. 142 N., R. 96 W	13,760	1,480	7,800	
T. 142 N., R. 97 W	15,040	2,040	5,960	
T. 142 N., R. 98 W	15,260	3,970	3,710	
T. 142 N., R. 99 W	12,800	7,120	3,120	
T. 142 N., R. 100 W	12,800	3,440	6,800	
T. 142 N., R. 101 W	12,920	160	10,030	
T. 142 N., R. 103 W	12,740	160	10,010	
T. 142 N., R. 104 W	12,750	3,020	7,170	
T. 142 N., R. 105 W	12,620	4,140	5,930	
T. 141 N., R. 79 W	20,240	2,640	160	
T. 141 N., R. 81 W	15,420	2,340	3,380	
T. 141 N., R. 82 W	14,245	6,200	2,605	
T. 141 N., R. 84 W	17,360	5,280	400	
T. 141 N., R. 85 W	16,680	5,400	960	
T. 141 N., R. 87 W	13,600	8,280	1,160	
T. 141 N., R. 88 W	13,120	6,600	3,320	
T. 141 N., R. 89 W	13,680	4,960	4,400	
T. 141 N., R. 90 W	16,040	2,440	4,560	
T. 141 N., R. 91 W	14,440	3,520	5,080	
T. 141 N., R. 92 W	15,840	3,000	4,200	
T. 141 N., R. 93 W	16,160	2,320	4,880	
T. 141 N., R. 94 W	13,915	4,120	4,865	
T. 141 N., R. 95 W	17,080	2,400	3,760	
T. 141 N., R. 96 W	19,200	2,840	1,000	
T. 141 N., R. 97 W	19,080	2,645	1,320	
T. 141 N., R. 98 W	14,080	5,000	3,960	
T. 141 N., R. 99 W	12,800	5,840	4,400	
T. 141 N., R. 100 W	12,960	960	9,120	
T. 141 N., R. 102 W	13,000	160	10,080	
T. 141 N., R. 103 W	12,960	640	9,440	
T. 141 N., R. 104 W	12,790	5,570	4,635	
T. 141 N., R. 105 W	12,750	8,620	1,430	
T. 140 N., R. 80 W	21,480	940	120	
T. 140 N., R. 81 W	20,555	1,410	735	
T. 140 N., R. 82 W	19,700	2,470	1,640	
T. 140 N., R. 83 W	18,970	4,350	280	
T. 140 N., R. 84 W	21,320	1,530	480	
T. 140 N., R. 85 W	22,940	700	230	
T. 140 N., R. 86 W	19,490	3,480	720	
T. 140 N., R. 87 W	18,790	3,465	550	
T. 140 N., R. 88 W	17,665	4,665	1,440	
T. 140 N., R. 89 W	19,400	2,220	2,220	
T. 140 N., R. 90 W	19,105	3,800	855	
T. 140 N., R. 91 W	19,470	2,060	1,310	
T. 140 N., R. 92 W	19,350	2,540	1,760	
T. 140 N., R. 93 W	20,780	1,880	1,320	
T. 140 N., R. 94 W	18,880	2,570	2,210	
T. 140 N., R. 97 W	21,250	2,180	300	
T. 140 N., R. 100 W	13,670	3,680	6,450	
T. 140 N., R. 103 W	13,280		10,370	
T. 140 N., R. 105 W	13,130	9,210	1,325	
E. $\frac{1}{2}$ T. 140 N., R. 106 W	6,635	4,440	255	
T. 139 N., R. 81 W	21,860	360	495	
T. 139 N., R. 82 W	19,380	2,880	720	
T. 139 N., R. 83 W	22,910	620	130	
T. 139 N., R. 86 W	19,260	3,430	200	
T. 139 N., R. 88 W	20,040	2,240	800	
T. 139 N., R. 89 W	20,100	2,560	320	
T. 139 N., R. 90 W	21,280	1,600	160	
T. 139 N., R. 91 W	20,520	2,520		
T. 139 N., R. 92 W	21,705	800	280	
T. 139 N., R. 93 W	21,890	120	1,100	
T. 139 N., R. 101 W	12,660		10,200	
T. 139 N., R. 103 W	12,670	160	9,960	

*List of lands probably containing workable coal bed.—Continued.*

## FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 139 N., R. 105 W.	13,410	7,950	1,600	.....
E. $\frac{1}{2}$ T. 139 N., R. 106 W.	6,275	4,455	310	.....
T. 138 N., R. 82 W.	20,640	1,280	1,120	.....
T. 138 N., R. 83 W.	15,830	3,200	4,000	.....
T. 138 N., R. 84 W.	19,560	2,800	560	.....
T. 138 N., R. 87 W.	14,065	2,880	5,840	.....
T. 138 N., R. 89 W.	18,400	3,120	1,520	.....
T. 138 N., R. 90 W.	10,480	880	160	.....
T. 138 N., R. 91 W.	18,190	3,520	1,320	.....
T. 138 N., R. 92 W.	22,090	640	160	.....
T. 138 N., R. 93 W.	16,890	3,860	2,450	.....
T. 138 N., R. 94 W.	17,030	4,290	1,580	.....
T. 138 N., R. 95 W.	15,980	5,680	1,150	.....
T. 138 N., R. 96 W.	16,240	5,170	1,410	.....
T. 138 N., R. 97 W.	13,640	4,440	5,010	.....
T. 138 N., R. 98 W.	12,890	5,790	4,520	.....
T. 138 N., R. 99 W.	13,580	6,880	2,500	.....
T. 138 N., R. 100 W.	12,810	4,800	5,440	.....
T. 138 N., R. 101 W.	12,770	320	9,730	.....
T. 138 N., R. 102 W.	12,880	290	9,270	.....
T. 138 N., R. 103 W.	12,750	360	9,820	.....
T. 138 N., R. 104 W.	11,490	5,440	6,080	.....
T. 138 N., R. 105 W.	12,940	9,120	960	.....
E. $\frac{1}{2}$ T. 138 N., R. 106 W.	6,140	3,230	1,500	.....
T. 137 N., R. 84 W.	15,940	3,100	3,860	.....
T. 137 N., R. 85 W.	15,350	4,410	3,320	.....
T. 137 N., R. 86 W.	13,560	5,520	3,910	.....
T. 137 N., R. 87 W.	14,680	6,105	2,200	.....
T. 137 N., R. 88 W.	16,440	3,720	2,880	.....
T. 137 N., R. 90 W.	17,120	2,680	3,240	.....
T. 137 N., R. 91 W.	16,000	3,040	4,000	.....
T. 137 N., R. 92 W.	15,770	3,830	3,400	.....
T. 137 N., R. 93 W.	15,410	5,960	1,720	.....
T. 137 N., R. 94 W.	18,870	3,750	310	.....
T. 137 N., R. 95 W.	15,170	7,260	560	.....
T. 137 N., R. 96 W.	13,350	7,920	1,600	.....
T. 137 N., R. 97 W.	13,765	3,320	5,960	.....
T. 137 N., R. 98 W.	12,840	6,240	4,030	.....
T. 137 N., R. 99 W.	12,780	5,100	5,120	.....
T. 137 N., R. 100 W.	12,800	3,680	6,560	.....
T. 137 N., R. 101 W.	12,840	160	9,730	.....
T. 137 N., R. 103 W.	12,750	320	9,860	.....
T. 137 N., R. 104 W.	12,770	5,745	4,475	.....
T. 137 N., R. 105 W.	12,800	9,480	760	.....
E. $\frac{1}{2}$ T. 137 N., R. 106 W.	6,270	3,310	1,530	.....
T. 136 N., R. 86 W.	13,850	5,255	3,540	.....
T. 136 N., R. 87 W.	14,240	3,040	5,295	.....
T. 136 N., R. 88 W.	13,320	1,660	7,655	.....
T. 136 N., R. 89 W.	15,500	3,055	4,160	.....
T. 136 N., R. 90 W.	13,955	4,970	3,940	.....
T. 136 N., R. 91 W.	13,050	6,620	3,235	.....
T. 136 N., R. 92 W.	13,860	6,060	2,175	.....
T. 136 N., R. 93 W.	13,005	7,635	1,780	.....
T. 136 N., R. 94 W.	13,320	8,185	1,665	.....
T. 136 N., R. 95 W.	13,585	7,555	1,560	.....
T. 136 N., R. 96 W.	12,775	7,975	2,080	.....
T. 136 N., R. 98 W.	12,990	4,710	5,725	.....
T. 136 N., R. 99 W.	13,165	2,950	6,980	.....
T. 136 N., R. 100 W.	13,065	2,400	7,960	.....
T. 136 N., R. 103 W.	12,680	610	9,625	.....
T. 136 N., R. 105 W.	13,025	2,650	7,890	.....
T. 136 N., R. 106 W.	12,385	4,470	5,280	.....
T. 135 N., R. 90 W.	15,615	4,665	2,765	.....
T. 135 N., R. 91 W.	13,415	6,490	3,160	.....
T. 135 N., R. 92 W.	12,765	6,360	3,375	.....
T. 135 N., R. 93 W.	12,770	8,470	1,720	.....
T. 135 N., R. 94 W.	13,065	7,930	2,260	.....
T. 135 N., R. 95 W.	13,235	8,280	1,385	.....
T. 135 N., R. 97 W.	13,880	7,120	2,040	.....
T. 135 N., R. 99 W.	12,560	3,840	6,640	.....
T. 135 N., R. 100 W.	12,750	3,510	6,780	.....
T. 135 N., R. 102 W.	13,280	160	9,600	.....
T. 135 N., R. 103 W.	12,750	.....	10,290	.....
T. 135 N., R. 106 W.	11,710	800	10,530	.....
T. 134 N., R. 92 W.	12,650	9,740	650	.....
T. 134 N., R. 93 W.	13,270	8,140	1,630	.....



List of lands probably containing workable coal beds—Continued.

FIFTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 134 N., R. 94 W.	15,800	6,990	650	
T. 134 N., R. 95 W.	11,130	9,960	1,950	
T. 134 N., R. 96 W.	14,550	4,560	3,930	
T. 134 N., R. 97 W.	12,790	8,840	1,410	
T. 134 N., R. 98 W.	12,790	9,080	1,170	
T. 134 N., R. 99 W.	12,650	9,260	1,130	
T. 134 N., R. 100 W.	12,780	6,870	3,390	
T. 134 N., R. 101 W.	13,090	1,110	8,840	
T. 134 N., R. 102 W.	12,980	320	9,740	
T. 134 N., R. 103 W.	12,770	310	9,960	
T. 134 N., R. 105 W.	12,540	480	10,020	
T. 134 N., R. 106 W.	11,890	310	10,840	
T. 133 N., R. 94 W.	12,840	8,560	1,640	
T. 133 N., R. 95 W.	13,120	7,680	2,240	
T. 133 N., R. 96 W.	12,930	7,860	2,250	
T. 133 N., R. 97 W.	13,230	8,510	1,300	
T. 133 N., R. 98 W.	13,430	7,840	1,770	
T. 133 N., R. 99 W.	12,770	8,320	1,950	
T. 133 N., R. 100 W.	12,790	8,310	1,940	
T. 133 N., R. 101 W.	12,790	6,080	4,170	
T. 133 N., R. 102 W.	12,800	1,760	8,480	
T. 133 N., R. 103 W.	12,130	400	10,510	
T. 133 N., R. 106 W.	12,380	320	10,340	
T. 132 N., R. 96 W.	11,510	7,860	930	
T. 132 N., R. 97 W.	12,370	5,450	1,640	
T. 132 N., R. 98 W.	11,240	7,010	1,210	
T. 132 N., R. 99 W.	9,810	6,480	4,600	
T. 132 N., R. 100 W.	11,370	7,070	1,220	
T. 132 N., R. 101 W.	11,210	6,060	2,150	
T. 132 N., R. 102 W.	11,080	6,880	5,080	
T. 132 N., R. 103 W.	11,440	4,150	7,440	
T. 132 N., R. 104 W.	10,610	5,160	7,270	
T. 132 N., R. 105 W.	11,100	160	11,780	
T. 132 N., R. 106 W.	10,840	480	7,670	
E. ½ T. 132 N., R. 107 W.	4,740	800	2,920	
T. 131 N., R. 97 W.	12,080	9,620	1,340	
T. 131 N., R. 98 W.	12,080	7,100	3,860	
T. 131 N., R. 99 W.	10,540	9,710	2,590	
T. 131 N., R. 100 W.	11,460	9,520	2,060	
T. 131 N., R. 101 W.	13,230	8,180	1,630	
T. 131 N., R. 102 W.	11,660	8,370	3,010	
T. 131 N., R. 103 W.	11,020	4,140	7,880	
T. 131 N., R. 104 W.	6,940	1,760	14,340	
T. 131 N., R. 105 W.	5,580	160	17,300	
T. 131 N., R. 106 W.	5,210	980	16,850	
E. ½ T. 131 N., R. 107 W.	1,800		8,067	
T. 130 N., R. 98 W.	1,280	12,800	8,960	
T. 130 N., R. 99 W.	1,280	8,700	13,060	
T. 130 N., R. 100 W.	1,280	9,960	11,800	
T. 130 N., R. 101 W.	1,280	7,250	14,510	
T. 130 N., R. 102 W.	1,280	6,060	15,700	
T. 130 N., R. 103 W.	1,280	2,400	19,360	
T. 130 N., R. 104 W.	1,280	200	21,560	
T. 130 N., R. 105 W.	1,280	320	21,440	
T. 130 N., R. 106 W.	1,280	310	21,450	
E. ½ T. 130 N., R. 107 W.	640		8,790	
T. 129 N., R. 99 W.	1,600	10,840	10,600	
T. 129 N., R. 100 W.	1,760	9,240	12,040	
T. 129 N., R. 101 W.	1,280	7,200	14,560	
T. 129 N., R. 102 W.	1,760	640	20,640	
T. 129 N., R. 103 W.	1,440	320	21,280	
T. 129 N., R. 104 W.	1,280	320	21,440	
T. 129 N., R. 105 W.	1,280	320	21,440	
T. 129 N., R. 106 W.	1,280	330	21,430	
E. ½ T. 129 N., R. 107 W.	640	160	9,200	
Total	6,132,075	4,625,490	3,058,146	828,620

## OREGON.

*List of lands probably containing workable coal beds.*

## WILLAMETTE MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 24 S., R. 12 W.....	7,100	5,700	10,000	.....
T. 24 S., R. 13 W.....	7,220	2,750	4,470	.....
T. 25 S., R. 12 W.....	16,500	2,100	2,000	.....
T. 26 S., R. 12 W.....	21,865	1,110	205	.....
Fractional T. 26 S., R. 14 W.....	12,190	1,270	1,540	.....
T. 27 S., R. 12 W.....	23,048	160	.....	.....
Fractional T. 27 S., R. 14 W.....	18,000	190	580	.....
T. 28 S., R. 12 W.....	21,060	400	1,307	.....
T. 28 S., R. 13 W.....	20,042	1,520	855	.....
Fractional T. 28 S., R. 14 W.....	19,280	160	1,504	.....
T. 29 S., R. 13 W.....	14,670	3,960	3,910	.....
T. 31 S., R. 12 W.....	20,255	560	2,150	.....
T. 31 S., R. 13 W.....	17,720	1,035	4,255	.....
T. 32 S., R. 12 W.....	9,983	.....	13,040	.....
T. 32 S., R. 13 W.....	5,960	520	15,840	.....
Total.....	234,893	21,435	61,656	.....

## SOUTH DAKOTA.

*List of lands probably containing coal beds.*

## BLACK HILLS MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Fractional T. 23 N., R. 1 E.....	640	600	8,600	.....
Fractional T. 23 N., R. 2 E.....	640	160	9,460	.....
Fractional T. 23 N., R. 3 E.....	640	.....	9,440	.....
Fractional T. 23 N., R. 4 E.....	640	320	9,120	.....
Fractional T. 23 N., R. 5 E.....	640	.....	9,440	.....
Fractional T. 23 N., R. 6 E.....	640	1,120	8,440	.....
Fractional T. 23 N., R. 7 E.....	640	.....	9,480	.....
Fractional T. 23 N., R. 8 E.....	640	1,760	7,720	.....
Fractional T. 23 N., R. 9 E.....	640	800	8,640	.....
Fractional T. 23 N., R. 10 E.....	640	1,440	8,000	.....
Fractional T. 23 N., R. 11 E.....	640	640	8,920	.....
T. 22 N., R. 1 E.....	1,280	.....	19,720	.....
T. 22 N., R. 2 E.....	640	1,280	20,680	.....
T. 22 N., R. 3 E.....	1,280	.....	21,680	.....
T. 22 N., R. 4 E.....	1,440	160	21,440	.....
T. 22 N., R. 5 E.....	1,440	640	20,960	.....
T. 22 N., R. 6 E.....	1,320	320	21,400	.....
T. 22 N., R. 7 E.....	1,320	480	21,240	.....
T. 22 N., R. 8 E.....	1,280	800	20,960	.....
T. 22 N., R. 9 E.....	1,280	320	21,440	.....
T. 22 N., R. 10 E.....	1,280	1,280	20,480	.....
T. 22 N., R. 11 E.....	1,280	160	21,600	.....
T. 21 N., R. 1 E.....	1,280	.....	19,720	.....
T. 21 N., R. 2 E.....	640	1,080	22,120	.....
T. 21 N., R. 3 E.....	1,280	.....	21,760	.....
T. 21 N., R. 4 E.....	1,280	160	21,600	.....
T. 21 N., R. 5 E.....	1,760	640	20,640	.....
T. 21 N., R. 6 E.....	1,280	320	21,440	.....
T. 21 N., R. 8 E.....	1,280	1,760	20,000	.....
T. 21 N., R. 9 E.....	1,280	800	20,960	.....
T. 21 N., R. 10 E.....	1,280	40	21,720	.....
T. 21 N., R. 11 E.....	1,280	480	21,280	.....
T. 20 N., R. 1 E.....	800	1,240	17,640	.....
T. 20 N., R. 2 E.....	1,280	2,880	18,880	.....
T. 20 N., R. 3 E.....	1,280	560	21,120	.....
T. 20 N., R. 4 E.....	1,440	.....	21,600	.....
T. 20 N., R. 5 E.....	1,280	320	21,440	.....

*List of lands probably containing coal beds—Continued.*

BLACK HILLS MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 20 N., R. 6 E.	1,280	480	21,280	
T. 20 N., R. 7 E.	1,320	960	20,760	
T. 20 N., R. 9 E.	1,280	480	21,280	
T. 20 N., R. 11 E.	1,280	960	20,800	
T. 19 N., R. 1 E.	6,600	2,040	10,520	
T. 19 N., R. 2 E.	5,280	1,440	16,320	
T. 19 N., R. 3 E.	1,280	160	21,600	
T. 19 N., R. 4 E.	1,280	320	21,440	
T. 19 N., R. 5 E.	1,280		21,760	
T. 19 N., R. 6 E.	1,280	240	21,520	
T. 19 N., R. 7 E.	1,280	160	21,600	
T. 19 N., R. 9 E.	1,280	160	21,600	
T. 19 N., R. 10 E.	1,440	800	20,800	
T. 19 N., R. 11 E.	1,280	960	20,800	
T. 18 N., R. 1 E.	13,360	3,520	2,800	
T. 18 N., R. 2 E.	21,200	320	1,520	
T. 18 N., R. 3 E.	1,280	640	21,120	
T. 18 N., R. 4 E.	1,600	1,280	20,160	
T. 18 N., R. 5 E.	1,440	640	20,960	
T. 18 N., R. 6 E.	1,280	640	21,120	
T. 18 N., R. 8 E.	1,440	480	20,920	
T. 18 N., R. 9 E.	1,440	640	20,960	
T. 18 N., R. 10 E.	1,280	540	21,220	
T. 18 N., R. 11 E.	1,440	640	20,960	
T. 17 N., R. 1 E.	7,240	1,520	11,040	
T. 17 N., R. 2 E.	13,840	2,680	6,520	
T. 17 N., R. 3 E.	13,640	2,000	7,400	
T. 17 N., R. 4 E.	1,440	1,120	20,480	
T. 17 N., R. 5 E.	1,280	800	20,960	
T. 17 N., R. 6 E.	1,280	240	21,520	
T. 17 N., R. 7 E.	1,280	160	21,600	
T. 17 N., R. 8 E.	1,400	320	21,320	
T. 17 N., R. 9 E.	1,600	640	20,800	
T. 16 N., R. 1 E.	1,680	720	19,520	
T. 16 N., R. 2 E.	2,640	800	19,600	
T. 16 N., R. 3 E.	1,920	640	20,280	
T. 16 N., R. 4 E.	1,280	800	20,760	
T. 16 N., R. 5 E.	1,280	2,240	19,200	
T. 16 N., R. 6 E.	1,280	160	21,400	
T. 16 N., R. 7 E.	1,280	640	20,920	
T. 16 N., R. 8 E.	800	160	21,840	
T. 16 N., R. 9 E.	1,600	160	21,000	
Total	169,560	56,860	1,430,760	

WASHINGTON.

*List of lands probably containing coal beds.*

SIXTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
Fractional T. 41 N., R. 5 E.	2,360	160	50	
Fractional T. 41 N., R. 6 E.	420			
T. 40 N., R. 5 E.	18,340		4,872	
T. 40 N., R. 6 E.	21,880		563	
T. 40 N., R. 7 E.			23,040	
T. 39 N., R. 2 E.	22,771			
T. 39 N., R. 3 E.	22,896			
T. 39 N., R. 4 E.	21,960		543	
T. 39 N., R. 5 E.	21,460		1,485	
Fractional T. 38 N., R. 2 E.	190			
T. 38 N., R. 3 E.	21,358			
T. 38 N., R. 4 E.	22,114			
T. 38 N., R. 5 E.	17,040		5,196	
T. 37 N., R. 3 E.	21,910			

*List of lands probably containing coal beds—Continued.*

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 36 N., R. 4 E.	22,936			
T. 36 N., R. 5 E.	18,460		3,260	
T. 35 N., R. 4 E.	22,621			
T. 35 N., R. 7 E.	21,098		3,160	
T. 34 N., R. 5 E.	23,462			
T. 34 N., R. 7 E.	7,760		14,625	
T. 24 N., R. 6 E.	20,675			
T. 23 N., R. 7 E.	23,030			
T. 21 N., R. 8 E.	22,560		420	
T. 20 N., R. 7 E.	22,978			
T. 20 N., R. 8 E.	19,040	720	1,865	
T. 19 N., R. 7 E.	23,037		40	
T. 18 N., R. 7 E.	13,201	640	9,139	
T. 16 N., R. 1 W.	21,671		1,529	
T. 16 N., R. 6 W.	20,736		164	
E. $\frac{1}{2}$ T. 16 N., R. 7 E.		5,760	5,760	
T. 16 N., R. 10 E.			23,040	
T. 16 N., R. 11 E.			23,040	
T. 16 N., R. 12 E.			19,200	
T. 15 N., R. 1 W.	20,935	320	1,786	
T. 15 N., R. 2 W.	23,142			
E. $\frac{1}{2}$ T. 15 N., R. 7 E.	5,760		5,760	
T. 15 N., R. 10 E.			21,063	
T. 15 N., R. 11 E.			22,566	
T. 15 N., R. 12 E.			23,040	
T. 14 N., R. 3 W.	22,391			
T. 14 N., R. 1 E.	22,934	80		
T. 14 N., R. 10 E.			22,980	
T. 14 N., R. 11 E.			23,040	
T. 13 N., R. 1 W.	22,736		361	
T. 13 N., R. 2 W.	22,751		298	
T. 13 N., R. 3 W.	22,892			
T. 13 N., R. 1 E.	22,922		123	
T. 13 N., R. 2 E.	21,948	480	612	
T. 13 N., R. 3 E.	10,112		12,700	
T. 13 N., R. 4 E.	13,184	286	9,570	
T. 13 N., R. 5 E.	22,816		400	
T. 12 N., R. 4 E.	16,714	4,507	1,158	
T. 10 N., R. 1 W.	22,158			
T. 10 N., R. 2 W.	22,025		715	
T. 10 N., R. 3 W.	23,116			
T. 10 N., R. 4 W.	23,263		80	
T. 9 N., R. 1 W.	20,947		232	
T. 9 N., R. 3 W.	22,988			
T. 9 N., R. 4 W.	23,059			
T. 8 N., R. 1 W.	22,482		580	
Fractional T. 8 N., R. 3 W.	10,005			
T. 7 N., R. 1 W.	21,343	200	1,446	
Fractional T. 7 N., R. 2 W.	6,211		331	
Total.	1,006,816	13,153	289,832	

WYOMING.

List of lands probably containing workable coal beds.

SIXTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
W. $\frac{1}{2}$ fractional T. 58 N., R. 68 W .....		770	3,655	
T. 58 N., R. 69 W .....	640		8,375	
T. 58 N., R. 70 W .....	680	880	7,625	
T. 58 N., R. 71 W .....	800	640	8,020	
T. 58 N., R. 72 W .....	640		9,055	
T. 58 N., R. 73 W .....	640		9,240	
T. 58 N., R. 74 W .....	840		9,240	
T. 58 N., R. 75 W .....	860	815	8,710	
T. 58 N., R. 76 W .....	640	320	10,555	
T. 58 N., R. 77 W .....	760		10,015	
T. 58 N., R. 78 W .....	2,900		8,200	
T. 58 N., R. 79 W .....	4,145		7,425	
T. 58 N., R. 80 W .....	1,380		11,005	
T. 58 N., R. 81 W .....	480		1,105	
T. 58 N., R. 82 W .....	560	260	4,315	
T. 58 N., R. 83 W .....	6,255	1,025	4,055	
T. 58 N., R. 86 W .....	2,925	3,670	5,845	
T. 58 N., R. 98 W .....	1,400		9,280	
T. 58 N., R. 101 W .....	4,190	835	7,035	
T. 58 N., R. 102 W .....	785	525	11,460	
W. $\frac{1}{2}$ T. 57 N., R. 68 W .....	800	1,760	8,960	
T. 57 N., R. 69 W .....	1,760	1,160	20,120	
T. 57 N., R. 70 W .....	1,440	320	21,280	
T. 57 N., R. 71 W .....	1,320	1,080	20,640	
T. 57 N., R. 72 W .....	2,560	400	20,080	
T. 57 N., R. 73 W .....	2,560		20,480	
T. 57 N., R. 74 W .....	1,840		21,200	
T. 57 N., R. 75 W .....	1,640	1,120	20,280	
T. 57 N., R. 78 W .....	1,520		21,520	
T. 57 N., R. 79 W .....	4,455	160	18,425	
T. 57 N., R. 80 W .....	2,240	580	20,220	
T. 57 N., R. 81 W .....	4,790	635	17,615	
T. 57 N., R. 82 W .....	3,360	1,680	18,000	
T. 57 N., R. 83 W .....	5,280	1,880	15,880	
E. $\frac{1}{2}$ T. 57 N., R. 86 W .....	8,280	1,200	2,040	
SW. $\frac{1}{4}$ T. 57 N., R. 97 W .....	200		5,560	
T. 57 N., R. 100 W .....	640		10,880	
T. 57 N., R. 101 W .....	680	3,490	18,870	
T. 57 N., R. 102 W .....	2,960	5,600	14,480	
W. $\frac{1}{2}$ T. 56 N., R. 68 W .....	640		10,880	
T. 56 N., R. 69 W .....	1,480	315	21,245	
T. 56 N., R. 70 W .....	1,800	160	21,080	
T. 56 N., R. 71 W .....	1,600	960	20,480	
T. 56 N., R. 72 W .....	2,200	680	20,160	
T. 56 N., R. 73 W .....	1,760		21,280	
T. 56 N., R. 74 W .....	1,320	160	21,560	
T. 56 N., R. 75 W .....	1,405	595	21,040	
T. 56 N., R. 78 W .....	1,960	960	20,120	
T. 56 N., R. 79 W .....	1,440	1,000	20,600	
T. 56 N., R. 80 W .....	2,320	160	20,560	
T. 56 N., R. 81 W .....	3,680	400	18,960	
T. 56 N., R. 82 W .....	7,610	1,750	13,680	
T. 56 N., R. 83 W .....	18,540	2,080	2,320	
E. $\frac{1}{2}$ T. 56 N., R. 86 W .....	10,200	240	1,080	
T. 56 N., R. 96 W .....	14,675	2,880	5,485	
T. 56 N., R. 97 W .....	7,840		15,200	
T. 56 N., R. 99 W .....	1,240		21,800	
T. 56 N., R. 102 W .....	1,745	1,560	19,735	
W. $\frac{1}{2}$ T. 55 N., R. 68 W .....	1,320	440	9,760	
T. 55 N., R. 69 W .....	1,475	40	21,525	
T. 55 N., R. 70 W .....	1,280	160	21,600	
T. 55 N., R. 71 W .....	2,000	1,520	19,520	
T. 55 N., R. 72 W .....	2,470	760	19,810	
T. 55 N., R. 73 W .....	1,400	150	21,490	
T. 55 N., R. 74 W .....	1,440	200	21,400	
T. 55 N., R. 75 W .....	2,600	320	20,120	
T. 55 N., R. 76 W .....	1,320	320	21,400	
T. 55 N., R. 77 W .....	2,520	1,555	18,965	
T. 55 N., R. 78 W .....	5,120	720	17,200	
T. 55 N., R. 79 W .....	2,480	80	20,480	
T. 55 N., R. 80 W .....	9,265	160	13,615	
T. 55 N., R. 81 W .....	3,475	2,080	17,485	
T. 55 N., R. 82 W .....	8,325	2,320	12,395	

*List of lands probably containing workable coal beds—Continued.*

SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 55 N., R. 83 W	12,160	2,560	8,320	.....
T. 55 N., R. 84 W	19,640	1,240	2,160	.....
T. 55 N., R. 97 W	4,760	2,080	16,200	.....
T. 55 N., R. 98 W	5,080	3,400	14,560	.....
T. 55 N., R. 101 W	1,500	880	20,660	.....
W. $\frac{1}{4}$ T. 54 N., R. 68 W	800	440	10,280	.....
T. 54 N., R. 69 W	1,280	1,360	20,400	.....
T. 54 N., R. 70 W	2,000	720	20,320	.....
T. 54 N., R. 71 W	1,840	1,195	20,005	.....
T. 54 N., R. 72 W	2,120	600	20,320	.....
T. 54 N., R. 73 W	4,520	240	18,280	.....
T. 54 N., R. 74 W	2,160	.....	20,880	.....
T. 54 N., R. 75 W	1,360	720	20,960	.....
T. 54 N., R. 76 W	1,750	1,680	19,610	.....
T. 54 N., R. 78 W	1,280	.....	21,760	.....
T. 54 N., R. 80 W	3,360	520	19,160	.....
T. 54 N., R. 81 W	10,120	1,120	11,800	.....
T. 54 N., R. 82 W	8,645	5,320	9,075	.....
T. 54 N., R. 83 W	19,980	1,920	1,140	.....
NE. $\frac{1}{4}$ T. 54 N., R. 84 W	4,360	240	1,160	.....
T. 54 N., R. 95 W	1,280	.....	21,760	.....
T. 54 N., R. 96 W	1,280	.....	21,760	.....
T. 54 N., R. 97 W	15,850	.....	7,190	.....
T. 54 N., R. 100 W	4,120	.....	18,920	.....
T. 54 N., R. 101 W	1,440	760	20,840	.....
N. $\frac{1}{2}$ T. 53 N., R. 61 W	2,440	1,320	7,760	.....
T. 53 N., R. 69 W	1,440	545	21,055	.....
T. 53 N., R. 70 W	2,080	1,120	19,840	.....
T. 53 N., R. 71 W	1,520	1,840	19,680	.....
T. 53 N., R. 72 W	1,760	280	21,000	.....
T. 53 N., R. 73 W	2,600	1,080	19,360	.....
T. 53 N., R. 74 W	1,320	.....	21,720	.....
T. 53 N., R. 75 W	1,320	320	21,400	.....
T. 53 N., R. 76 W	2,040	680	20,320	.....
T. 53 N., R. 78 W	1,280	.....	21,760	.....
T. 53 N., R. 79 W	760	560	21,720	.....
T. 53 N., R. 80 W	12,760	.....	10,280	.....
T. 53 N., R. 81 W	9,235	3,000	10,805	.....
T. 53 N., R. 82 W	8,525	4,680	9,835	.....
T. 53 N., R. 83 W	16,680	3,600	2,760	.....
SW. $\frac{1}{4}$ T. 53 N., R. 94 W	5,590	.....	170	.....
T. 53 N., R. 95 W	8,640	.....	14,400	.....
T. 53 N., R. 96 W	7,980	.....	15,060	.....
T. 53 N., R. 100 W	6,595	400	16,045	.....
T. 52 N., R. 69 W	1,515	1,080	20,445	.....
T. 52 N., R. 70 W	1,640	480	20,920	.....
T. 52 N., R. 71 W	1,320	240	21,480	.....
T. 52 N., R. 72 W	3,720	400	18,920	.....
T. 52 N., R. 73 W	1,280	360	21,400	.....
T. 52 N., R. 74 W	1,640	880	20,520	.....
T. 52 N., R. 75 W	1,880	1,115	20,045	.....
T. 52 N., R. 76 W	1,280	325	21,435	.....
T. 52 N., R. 77 W	2,960	2,405	17,675	.....
T. 52 N., R. 78 W	2,720	1,680	18,640	.....
T. 52 N., R. 79 W	1,720	365	20,955	.....
T. 52 N., R. 80 W	5,175	320	17,545	.....
T. 52 N., R. 81 W	7,520	640	14,880	.....
E. $\frac{1}{2}$ T. 52 N., R. 83 W	9,485	1,440	595	.....
T. 52 N., R. 94 W	6,580	200	16,260	.....
T. 52 N., R. 95 W	9,155	760	13,125	.....
T. 52 N., R. 96 W	18,790	1,200	3,050	.....
W. $\frac{1}{2}$ T. 51 N., R. 63 W	4,410	2,470	4,640	.....
NW. $\frac{1}{4}$ T. 51 N., R. 69 W	120	.....	5,640	.....
T. 51 N., R. 70 W	480	.....	22,560	.....
T. 51 N., R. 71 W	2,280	2,240	18,520	.....
T. 51 N., R. 72 W	2,080	2,040	18,920	.....
T. 51 N., R. 74 W	1,640	1,160	20,240	.....
T. 51 N., R. 75 W	1,520	520	21,000	.....
T. 51 N., R. 76 W	1,480	480	21,080	.....
T. 51 N., R. 77 W	1,800	1,640	19,600	.....
T. 51 N., R. 78 W	1,280	80	21,680	.....
T. 51 N., R. 79 W	2,600	1,640	18,800	.....
T. 51 N., R. 80 W	2,640	40	20,360	.....
NE. $\frac{1}{4}$ T. 51 N., R. 83 W	4,200	320	1,240	.....
T. 51 N., R. 94 W	3,160	2,540	17,340	.....
T. 51 N., R. 95 W	8,020	4,560	10,460	.....

List of lands probably containing workable coal beds—Continued.

SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 50 N., R. 63 W.	10,120	4,080	8,840	
T. 50 N., R. 65 W.	4,880	440	17,720	
T. 50 N., R. 70 W.	3,810	1,120	18,110	
T. 50 N., R. 71 W.	3,200	2,280	17,560	
T. 50 N., R. 73 W.	1,680	640	20,720	
T. 50 N., R. 74 W.	1,440	40	21,560	
T. 50 N., R. 75 W.	1,360	160	21,520	
T. 50 N., R. 76 W.	1,280		21,760	
T. 50 N., R. 77 W.	160	1,560	21,320	
T. 50 N., R. 78 W.	1,340		21,700	
T. 50 N., R. 79 W.	1,160		21,880	
T. 50 N., R. 80 W.	1,600	320	21,120	
E. $\frac{1}{2}$ T. 50 N., R. 82 W.	7,960	95	3,465	
T. 50 N., R. 94 W.	1,280		21,760	
T. 50 N., R. 99 W.	8,415	1,480	13,145	
E. $\frac{1}{2}$ T. 50 N., R. 102 W.	3,080	2,040	6,400	
T. 49 N., R. 62 W.	7,480	6,360	9,200	
T. 49 N., R. 64 W.	5,080	2,520	15,440	
W. $\frac{1}{2}$ T. 49 N., R. 70 W.	720	240	10,560	
T. 49 N., R. 71 W.	1,720	920	20,400	
T. 49 N., R. 72 W.	1,440	1,200	20,400	
T. 49 N., R. 73 W.	1,280	840	20,920	
T. 49 N., R. 74 W.	2,560		20,480	
T. 49 N., R. 75 W.	1,360	40	21,640	
T. 49 N., R. 76 W.	1,280		21,760	
T. 49 N., R. 77 W.	1,600	1,920	19,520	
T. 49 N., R. 78 W.	1,320		21,720	
T. 49 N., R. 79 W.	1,280		21,760	
T. 49 N., R. 80 W.	3,345	1,040	18,655	
T. 49 N., R. 81 W.	4,600	400	18,040	
SW. $\frac{1}{4}$ T. 49 N., R. 92 W.	3,680	1,360	520	
T. 49 N., R. 93 W.	1,838	400	20,802	
T. 49 N., R. 94 W.	1,280		21,760	
T. 49 N., R. 99 W.	1,440	1,640	20,040	
E. $\frac{1}{2}$ T. 49 N., R. 102 W.	1,160	1,920	8,440	
E. $\frac{1}{2}$ T. 48 N., R. 64 W.	1,155	240	10,135	
W. $\frac{1}{2}$ T. 48 N., R. 70 W.	1,440	280	9,800	
T. 48 N., R. 71 W.	1,345	160	21,535	
T. 48 N., R. 72 W.	1,490	1,040	20,510	
T. 48 N., R. 73 W.	1,280		21,760	
T. 48 N., R. 74 W.	1,400	320	21,320	
T. 48 N., R. 75 W.	1,280	40	21,720	
T. 48 N., R. 76 W.	1,360		21,680	
T. 48 N., R. 77 W.	2,240	1,720	19,080	
T. 48 N., R. 78 W.	1,320	80	21,640	
T. 48 N., R. 79 W.	1,360	120	21,540	
T. 48 N., R. 80 W.	2,280	320	20,440	
T. 48 N., R. 81 W.	13,220	480	8,105	
SW. $\frac{1}{4}$ T. 48 N., R. 91 W.			5,760	
T. 48 N., R. 92 W.	11,125	1,625	10,290	
T. 48 N., R. 93 W.	1,280	360	21,400	
T. 48 N., R. 94 W.	1,280		21,760	
T. 48 N., R. 98 W.	1,280		21,760	
T. 47 N., R. 71 W.	1,960	40	21,040	
T. 47 N., R. 72 W.	1,480		21,560	
T. 47 N., R. 73 W.	1,520	120	21,400	
T. 47 N., R. 74 W.	1,440		21,600	
T. 47 N., R. 75 W.	1,280		21,760	
T. 47 N., R. 76 W.	1,280		21,760	
T. 47 N., R. 77 W.	1,480	200	21,360	
T. 47 N., R. 78 W.	2,080	240	20,720	
T. 47 N., R. 79 W.	1,280	160	21,600	
T. 47 N., R. 80 W.	1,320	320	21,400	
E. $\frac{1}{2}$ T. 47 N., R. 81 W.	1,440	640	9,440	
T. 47 N., R. 91 W.	1,280		21,760	
T. 47 N., R. 92 W.	10,110	400	12,530	
T. 47 N., R. 93 W.	4,360	1,480	17,200	
T. 47 N., R. 98 W.	2,320	1,040	19,680	
NE. $\frac{1}{4}$ T. 46 N., R. 63 W.	620	240	4,900	
W. $\frac{1}{2}$ T. 46 N., R. 71 W.	2,060	320	9,140	
T. 46 N., R. 72 W.	2,400	40	20,600	
T. 46 N., R. 73 W.	1,760	80	21,200	
T. 46 N., R. 74 W.	1,480		21,560	
T. 46 N., R. 75 W.	1,995	160	20,885	
T. 46 N., R. 76 W.	2,160	160	20,720	
T. 46 N., R. 77 W.	1,760	1,320	19,960	

*List of lands probably containing workable coal beds—Continued.*

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 46 N., R. 78 W.	1,440	40	22,560	.....
T. 46 N., R. 79 W.	1,280	.....	21,760	.....
T. 46 N., R. 80 W.	1,440	560	21,040	.....
E. $\frac{1}{2}$ T. 46 N., R. 81 W.	680	40	10,800	.....
SW. $\frac{1}{4}$ T. 46 N., R. 90 W.	.....	.....	5,760	.....
T. 46 N., R. 91 W.	1,280	.....	21,760	.....
T. 46 N., R. 92 W.	1,720	200	21,120	.....
T. 46 N., R. 96 W.	1,280	160	21,600	.....
T. 46 N., R. 97 W.	1,280	760	21,000	.....
T. 46 N., R. 100 W.	3,100	600	19,340	.....
NE. $\frac{1}{4}$ T. 46 N., R. 101 W.	.....	604	5,120	.....
SW. $\frac{1}{4}$ T. 46 N., R. 112 W.	.....	.....	5,760	.....
S. $\frac{1}{2}$ T. 46 N., R. 113 W.	640	.....	10,880	.....
SE. $\frac{1}{2}$ T. 46 N., R. 114 W.	640	.....	5,120	.....
T. 45 N., R. 71 W.	1,640	160	21,340	.....
T. 45 N., R. 72 W.	2,220	120	20,700	.....
T. 45 N., R. 73 W.	1,720	80	21,240	.....
T. 45 N., R. 74 W.	1,360	.....	21,680	.....
T. 45 N., R. 75 W.	1,720	80	21,240	.....
T. 45 N., R. 76 W.	1,320	.....	21,720	.....
T. 45 N., R. 77 W.	1,320	120	21,600	.....
T. 45 N., R. 78 W.	8,080	520	14,640	.....
T. 45 N., R. 79 W.	1,280	.....	21,760	.....
T. 45 N., R. 80 W.	1,360	.....	21,680	.....
T. 45 N., R. 90 W.	1,280	.....	21,760	.....
T. 45 N., R. 91 W.	1,280	.....	21,760	.....
T. 45 N., R. 92 W.	1,280	320	21,440	.....
T. 45 N., R. 93 W.	1,280	200	21,560	.....
T. 45 N., R. 94 W.	3,280	2,040	17,720	.....
T. 45 N., R. 95 W.	1,280	520	22,240	.....
T. 45 N., R. 96 W.	1,440	560	21,040	.....
T. 45 N., R. 97 W.	1,440	440	21,160	.....
T. 45 N., R. 98 W.	1,600	240	21,200	.....
T. 45 N., R. 99 W.	1,630	320	21,090	.....
T. 45 N., R. 100 W.	1,400	800	20,840	.....
SW. $\frac{1}{4}$ T. 45 N., R. 111 W.	.....	.....	5,760	.....
T. 45 N., R. 112 W.	1,280	240	21,520	.....
T. 45 N., R. 113 W.	1,580	.....	21,460	.....
E. $\frac{1}{2}$ T. 45 N., R. 114 W.	1,090	.....	10,430	.....
W. $\frac{1}{2}$ T. 44 N., R. 71 W.	660	160	10,700	.....
T. 44 N., R. 72 W.	1,560	880	20,600	.....
T. 44 N., R. 73 W.	1,520	80	21,440	.....
T. 44 N., R. 74 W.	1,360	160	21,520	.....
T. 44 N., R. 75 W.	1,600	520	20,920	.....
T. 44 N., R. 76 W.	1,440	280	21,320	.....
T. 44 N., R. 77 W.	1,480	.....	21,560	.....
T. 44 N., R. 78 W.	5,662	1,250	16,128	.....
T. 44 N., R. 79 W.	1,280	640	21,120	.....
NE. $\frac{1}{4}$ T. 44 N., R. 80 W.	.....	160	5,760	.....
W. $\frac{1}{2}$ T. 44 N., R. 89 W.	640	.....	10,880	.....
T. 44 N., R. 90 W.	1,280	.....	21,760	.....
T. 44 N., R. 91 W.	1,280	.....	21,760	.....
T. 44 N., R. 92 W.	1,280	.....	21,760	.....
T. 44 N., R. 99 W.	2,340	720	19,980	.....
T. 44 N., R. 100 W.	1,400	1,480	20,160	.....
T. 44 N., R. 111 W.	1,280	160	21,600	.....
T. 44 N., R. 112 W.	1,280	.....	21,760	.....
T. 44 N., R. 113 W.	1,280	40	21,720	.....
T. 44 N., R. 114 W.	1,960	280	20,800	.....
T. 43 N., R. 72 W.	1,280	760	21,000	.....
T. 43 N., R. 73 W.	1,520	160	21,360	.....
T. 43 N., R. 74 W.	1,320	200	21,520	.....
T. 43 N., R. 75 W.	1,600	240	21,200	.....
T. 43 N., R. 76 W.	1,480	440	21,120	.....
T. 43 N., R. 77 W.	1,560	40	21,440	.....
T. 43 N., R. 78 W.	3,592	1,640	17,808	.....
E. $\frac{1}{2}$ T. 43 N., R. 79 W.	3,180	1,140	7,200	.....
W. $\frac{1}{2}$ T. 43 N., R. 89 W.	880	1,240	9,400	.....
T. 43 N., R. 90 W.	1,440	160	21,440	.....
T. 43 N., R. 91 W.	1,280	.....	21,760	.....
N. $\frac{1}{2}$ T. 43 N., R. 92 W.	720	160	10,640	.....
T. 43 N., R. 111 W.	1,280	.....	21,760	.....
T. 43 N., R. 112 W.	1,280	.....	21,760	.....
T. 43 N., R. 113 W.	1,280	.....	21,760	.....
T. 43 N., R. 114 W.	1,280	.....	21,760	.....
E. $\frac{1}{2}$ T. 43 N., R. 115 W.	640	.....	10,880	.....



List of lands probably containing workable coal beds—Continued.

SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Descriptton.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 42 N., R. 73 W	1,280	480	21,280	
T. 42 N., R. 74 W	1,600		21,440	
T. 42 N., R. 75 W	1,360	320	21,360	
T. 42 N., R. 76 W	1,400	400	21,240	
T. 42 N., R. 77 W	1,720	640	20,680	
T. 42 N., R. 78 W	1,880	360	20,800	
E. $\frac{1}{2}$ T. 42 N., R. 79 W	680	280	10,560	
SW. $\frac{1}{4}$ T. 42 N., R. 110 W			5,760	
T. 42 N., R. 111 W	1,280		21,760	
T. 42 N., R. 112 W	1,280	640	21,120	
T. 42 N., R. 113 W	1,280		21,760	
N. $\frac{1}{2}$ T. 42 N., R. 114 W	640	160	10,720	
T. 41 N., R. 74 W	2,420	120	20,500	
T. 41 N., R. 75 W	1,440	240	21,360	
T. 41 N., R. 76 W	1,680	480	20,880	
T. 41 N., R. 77 W	1,600	160	21,280	
T. 41 N., R. 78 W	1,280		21,760	
E. $\frac{1}{2}$ T. 41 N., R. 79 W	920	160	10,440	
SW. $\frac{1}{4}$ T. 41 N., R. 109 W			5,760	
T. 41 N., R. 110 W	1,280		21,760	
T. 41 N., R. 111 W	1,280	1,110	21,650	
NE. $\frac{1}{4}$ T. 41 N., R. 112 W			5,760	
W. $\frac{1}{2}$ T. 41 N., R. 118 W	640		10,880	

WIND RIVER SURVEY.

S. $\frac{1}{2}$ T. 6 N., R. 2 E	640	120	10,760	
T. 6 N., R. 1 E	280	240	22,520	
T. 6 N., R. 1 W		400	22,640	

SIXTH PRINCIPAL MERIDIAN.

T. 40 N., R. 74 W	2,300	80	20,660	
T. 40 N., R. 75 W	4,280	760	18,000	
T. 40 N., R. 76 W	1,520	1,200	20,320	
T. 40 N., R. 77 W	1,780	740	20,520	
T. 40 N., R. 78 W	1,280	160	21,600	
NW. $\frac{1}{4}$ T. 40 N., R. 109 W	640		512	
N. $\frac{1}{2}$ T. 40 N., R. 110 W	640		10,880	
SE. $\frac{1}{4}$ T. 40 N., R. 116 W	680		5,120	
T. 40 N., R. 117 W	2,040	2,040	18,960	
T. 40 N., R. 118 W			23,040	

WIND RIVER SURVEY.

T. 5 N., R. 2 E		320	22,620	
T. 5 N., R. 1 E		160	22,880	
NE. $\frac{1}{4}$ T. 5 N., R. 1 W			5,760	

SIXTH PRINCIPAL MERIDIAN.

T. 39 N., R. 74 W	2,030	1,040	19,970	
T. 39 N., R. 75 W	2,180	520	20,340	
T. 39 N., R. 76 W	160	440	21,160	
T. 39 N., R. 77 W	1,480	120	21,440	
T. 39 N., R. 109 W	2,880	120	20,040	
T. 39 N., R. 116 W	1,442	200	21,390	
T. 39 N., R. 117 W	1,280		21,760	

*List of lands probably containing workable coal beds—Continued.*

## WIND RIVER SURVEY.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
N. $\frac{1}{2}$ T. 4 N., R. 2 E .....			23, 040	.....
N. $\frac{1}{2}$ T. 4 N., R. 1 E .....		140	22, 900	.....

## SIXTH PRINCIPAL MERIDIAN.

T. 38 N., R. 73 W .....	2, 840	160	20, 140	.....
T. 38 N., R. 74 W .....	1, 680	1, 120	20, 240	.....
T. 38 N., R. 75 W .....	1, 640	680	20, 720	.....
T. 38 N., R. 76 W .....	1, 440	280	21, 520	.....
T. 38 N., R. 77 W .....	3, 120	400	19, 520	.....
W. $\frac{1}{2}$ T. 38 N., R. 115 W .....	640	.....	10, 880	.....
E. $\frac{1}{4}$ T. 38 N., R. 116 W .....	640	.....	10, 880	.....
W. $\frac{1}{2}$ T. 37 N., R. 72 W .....	1, 340	.....	10, 180	.....
T. 37 N., R. 73 W .....	6, 660	320	16, 060	.....
T. 37 N., R. 74 W .....	3, 710	580	18, 750	.....
T. 37 N., R. 75 W .....	1, 320	320	21, 400	.....
T. 37 N., R. 76 W .....	1, 280	.....	21, 040	.....
T. 37 N., R. 77 W .....	2, 140	520	20, 380	.....
T. 37 N., R. 78 W .....	1, 480	40	21, 520	.....
W. $\frac{1}{2}$ T. 36 N., R. 72 W .....	1, 520	480	21, 040	.....
T. 36 N., R. 73 W .....	1, 920	40	21, 080	.....
T. 36 N., R. 74 W .....	1, 550	.....	21, 490	.....
T. 36 N., R. 75 W .....	1, 280	.....	21, 760	.....
T. 36 N., R. 76 W .....	1, 280	.....	21, 760	.....
T. 36 N., R. 77 W .....	2, 160	360	20, 520	.....
T. 36 N., R. 78 W .....	1, 360	360	21, 320	.....
T. 36 N., R. 109 W .....	1, 280	.....	21, 760	.....
T. 35 N., R. 72 W .....	1, 640	160	21, 240	.....
T. 35 N., R. 73 W .....	1, 960	.....	21, 080	.....
T. 35 N., R. 74 W .....	1, 960	320	20, 760	.....
T. 35 N., R. 75 W .....	1, 280	320	21, 440	.....
T. 35 N., R. 76 W .....	1, 440	160	21, 440	.....
T. 35 N., R. 77 W .....	1, 720	.....	21, 320	.....
T. 35 N., R. 78 W .....	1, 520	160	21, 260	.....
T. 35 N., R. 119 W .....	5, 260	6, 120	11, 660	.....

## WIND RIVER SURVEY.

S. $\frac{1}{2}$ T. 1 S., R. 3 E .....	1, 520	1, 000	3, 000	6, 000
S. $\frac{1}{2}$ T. 1 S., R. 2 E .....	.....	.....	.....	<sup>a</sup> 11, 520
T. 1 S., R. 1 E .....	.....	.....	.....	<sup>a</sup> 23, 040

## SIXTH PRINCIPAL MERIDIAN.

W. $\frac{1}{2}$ T. 34 N., R. 71 W .....	1, 040	260	10, 220	.....
T. 34 N., R. 72 W .....	1, 780	480	20, 780	.....
T. 34 N., R. 73 W .....	1, 720	720	20, 600	.....
T. 34 N., R. 74 W .....	1, 600	320	21, 120	.....
T. 34 N., R. 75 W .....	2, 600	800	19, 640	.....
NE. $\frac{1}{4}$ T. 34 N., R. 78 W .....	40	.....	5, 720	.....
SW. $\frac{1}{4}$ T. 34 N., R. 87 W .....	360	200	5, 200	.....
Fractional T. 34 N., R. 96 W .....	1, 480	160	9, 880	.....
Fractional T. 34 N., R. 97 W .....	640	.....	10, 880	.....
W. $\frac{1}{2}$ T. 34 N., R. 118 W .....	6, 140	1, 300	4, 080	.....

## WIND RIVER SURVEY.

Fractional T. 2 S., R. 3 E .....	.....	1, 680	6, 000	640
Fractional T. 2 S., R. 2 E .....	.....	.....	12, 160	9, 240

<sup>a</sup> In unceded Shoshone Indian Reservation.

List of lands probably containing workable coal beds—Continued.

SIXTH PRINCIPAL MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
W. $\frac{1}{2}$ T. 33 N., R. 71 W	2,040	620	8,860	
T. 33 N., R. 72 W	10,120	780	12,140	
T. 33 N., R. 74 W	9,720	2,120	11,200	
N. $\frac{1}{2}$ T. 33 N., R. 76 W	6,920	1,200	3,400	
T. 33 N., R. 87 W	1,520	1,720	20,800	
NE. $\frac{1}{4}$ T. 33 N., R. 88 W		400	5,360	
T. 33 N., R. 93 W	1,360	240	21,440	
T. 33 N., R. 94 W	1,560	1,280	20,200	
T. 33 N., R. 95 W	1,280		21,760	
T. 33 N., R. 96 W	4,000		19,040	
T. 33 N., R. 97 W	1,280		21,760	
NE. $\frac{1}{4}$ T. 33 N., R. 98 W	1,240		4,520	
Fractional T. 33 N., R. 119 W	5,480	1,400	6,900	
W. $\frac{1}{2}$ T. 33 N., R. 118 W	4,170	2,360	4,990	
NW. $\frac{1}{4}$ T. 32 N., R. 71 W	4,590	1,120	50	
N. $\frac{1}{2}$ T. 32 N., R. 72 W	3,180	5,130	3,210	
N. $\frac{1}{2}$ T. 32 N., R. 93 W	720		10,800	
T. 32 N., R. 94 W	480		22,560	
T. 32 N., R. 95 W	1,750	430	21,250	
NE. $\frac{1}{4}$ T. 32 N., R. 96 W			5,760	
W. $\frac{1}{2}$ T. 32 N., R. 118 W	2,150	200	9,170	
T. 32 N., R. 119 W	14,770	1,520	16,290	
W. $\frac{1}{2}$ T. 31 N., R. 118 W	4,460	140	6,920	
T. 31 N., R. 119 W	8,640	640	13,760	
W. $\frac{1}{2}$ T. 30 N., R. 118 W	2,440	1,360	7,720	
T. 30 N., R. 119 W	1,410	320	21,280	
W. $\frac{1}{2}$ T. 29 N., R. 118 W			11,520	
T. 29 N., R. 119 W	1,280		21,760	
W. $\frac{1}{2}$ T. 28 N., R. 118 W		640	10,880	
T. 28 N., R. 119 W	1,920	640	21,120	
S. $\frac{1}{2}$ T. 27 N., R. 90 W	640	1,200	9,680	
S. $\frac{1}{2}$ T. 27 N., R. 91 W	2,080	360	9,080	
T. 27 N., R. 92 W	1,320	1,160	20,560	
T. 27 N., R. 93 W	1,320		21,720	
W. $\frac{1}{2}$ T. 27 N., R. 118 W	1,340	480	10,160	
T. 27 N., R. 119 W	1,280	960	20,800	
T. 23 N., R. 93 W	1,360		21,680	
W. $\frac{1}{2}$ T. 26 N., R. 118 W	3,438	1,839	6,142	
T. 26 N., R. 119 W	1,520	960	20,560	
W. $\frac{1}{2}$ T. 25 N., R. 86 W	720	200	10,600	
T. 25 N., R. 93 W	1,280		21,760	
T. 25 N., R. 113 W	1,280	470	21,310	
W. $\frac{1}{2}$ T. 25 N., R. 118 W	6,508	1,519	3,493	
T. 25 N., R. 119 W	9,980	6,750	6,310	
SE. $\frac{1}{4}$ T. 24 N., R. 16 W. <sup>a</sup>				
T. 24 N., R. 93 W	1,320		21,720	
T. 24 N., R. 114 W	3,040	520	19,480	
T. 24 N., R. 119 W	8,550	1,950	12,540	
T. 23 N., R. 86 W	12,800		10,240	
T. 23 N., R. 93 W	10,600	160	10,760	
T. 23 N., R. 114 W	1,440		21,600	
T. 23 N., R. 119 W	9,280	1,000	12,760	
NE. $\frac{1}{4}$ T. 22 N., R. 86 W	3,190		2,570	
S. $\frac{1}{2}$ T. 22 N., R. 102 W	6,400		5,120	
S. $\frac{1}{2}$ T. 22 N., R. 104 W	6,390	1,920	5,130	
T. 22 N., R. 114 W	1,440	480	21,120	
T. 22 N., R. 119 W	6,480		16,560	
SW. $\frac{1}{4}$ T. 21 N., R. 77 W	3,520		2,240	
T. 21 N., R. 78 W	13,650		9,390	
W. $\frac{1}{2}$ T. 21 N., R. 93 W	7,020		4,500	
T. 21 N., R. 100 W	12,790		10,250	
T. 21 N., R. 114 W	12,060	160	10,920	
T. 21 N., R. 119 W	2,080	160	20,800	
SW. $\frac{1}{4}$ T. 20 N., R. 74 W	3,380		2,380	
T. 20 N., R. 75 W	12,340		10,700	
T. 20 N., R. 76 W	13,910	780	8,350	
W. $\frac{1}{2}$ T. 20 N., R. 83 W	10,440		1,080	
W. $\frac{1}{2}$ T. 20 N., R. 84 W	6,400		5,120	
T. 20 N., R. 85 W	12,420		10,620	
T. 20 N., R. 86 W	12,330		10,710	
T. 20 N., R. 100 W	12,240		10,800	
T. 20 N., R. 102 W	12,320		10,720	
T. 20 N., R. 115 W	12,230	130	10,680	
W. $\frac{1}{2}$ T. 19 N., R. 74 W	7,260		4,260	

<sup>a</sup>No land of this description in Wyoming.

*List of lands probably containing workable coal beds—Continued.*

## SIXTH PRINCIPAL MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 19 N., R. 75 W	10,900		12,140	
T. 19 N., R. 76 W	14,060		8,980	
NE. $\frac{1}{4}$ T. 19 N., R. 79 W	4,650		1,110	
W. $\frac{1}{4}$ T. 19 N., R. 84 W	6,350		5,170	
T. 19 N., R. 99 W	12,790		10,250	
E. $\frac{1}{2}$ T. 19 N., R. 102 W	6,400		5,120	
T. 19 N., R. 115 W	12,170		10,870	
E. $\frac{1}{2}$ T. 19 N., R. 116 W	6,420		5,100	
E. $\frac{1}{2}$ T. 19 N., R. 118 W	6,400		5,120	
NW. $\frac{1}{4}$ T. 17 N., R. 75 W	3,870		1,890	
T. 17 N., R. 76 W	17,110		5,930	
T. 17 N., R. 77 W	15,090		7,950	
NE. $\frac{1}{4}$ T. 17 N., R. 78 W	1,920		3,840	
T. 17 N., R. 93 W	12,800		10,210	
W. $\frac{1}{2}$ T. 17 N., R. 99 W	6,400		5,120	
T. 17 N., R. 100 W	12,730		10,260	
T. 17 N., R. 101 W	12,780		10,260	
T. 17 N., R. 102 W	12,780		10,260	
T. 17 N., R. 105 W	12,220		10,820	
E. $\frac{1}{2}$ T. 17 N., R. 106 W	6,400		5,120	
T. 17 N., R. 115 W	12,960		10,080	
T. 17 N., R. 116 W	12,140		10,900	
NW. $\frac{1}{4}$ T. 16 N., R. 76 W	5,230	430	100	
T. 16 N., R. 79 W	1,280		21,760	
T. 16 N., R. 92 W	2,240	560	20,240	
T. 16 N., R. 101 W	12,960		11,080	
T. 16 N., R. 102 W	11,680		11,260	
S. $\frac{1}{2}$ T. 16 N., R. 103 W	4,530	400	6,590	
S. $\frac{1}{2}$ T. 16 N., R. 104 W	6,250	320	4,950	
T. 16 N., R. 105 W	12,430		10,610	
E. $\frac{1}{2}$ T. 16 N., R. 106 W	6,480		5,040	
T. 16 N., R. 116 W	5,110	160	17,770	
E. $\frac{1}{2}$ T. 15 N., R. 91 W	1,280	280	9,960	
T. 15 N., R. 102 W	3,760		19,280	
T. 15 N., R. 103 W	2,520	80	20,440	
T. 15 N., R. 104 W	3,640	560	18,840	
T. 15 N., R. 105 W	12,430		10,610	
T. 15 N., R. 117 W	12,800	320	9,920	
T. 14 N., R. 91 W	2,160	400	20,480	
N. $\frac{1}{2}$ T. 14 N., R. 103 W	1,120	360	10,040	
T. 14 N., R. 104 W	1,600	2,430	19,010	
NE. $\frac{1}{4}$ T. 14 N., R. 105 W	160	160	5,440	
T. 14 N., R. 117 W	14,270		8,770	
T. 13 N., R. 90 W	4,040	640	18,360	
N. $\frac{1}{2}$ T. 12 N., R. 104 W	640	760	10,120	
N. $\frac{1}{2}$ T. 12 N., R. 105 W	800	1,120	9,000	
N. $\frac{1}{2}$ T. 12 N., R. 106 W	640		10,880	
N. $\frac{1}{2}$ T. 12 N., R. 107 W	640		10,880	
N. $\frac{1}{2}$ T. 12 N., R. 108 W	640	140	10,740	
N. $\frac{1}{2}$ T. 12 N., R. 109 W	1,320		10,200	
N. $\frac{1}{2}$ T. 12 N., R. 110 W	1,640	120	9,760	
N. $\frac{1}{2}$ T. 12 N., R. 111 W	1,920	320	9,280	
N. $\frac{1}{2}$ T. 12 N., R. 119 W	7,920	1,120	2,480	
Total	1,725,320	299,330	8,068,435	50,440

UTAH.

List of lands probably containing workable coal beds.

SALT LAKE MERIDIAN.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 4 N., R. 6 E.	15,810		6,405	
T. 4 N., R. 7 E.	15,845	320	5,610	
T. 3 N., R. 6 E.	16,505	160	6,150	
T. 2 N., R. 6 E.	17,210	120	5,720	
T. 3 S., R. 20 E. (S. $\frac{1}{2}$ )	1,140	160	10,220	
T. 3 S., R. 21 E.	130	435	22,460	
T. 3 S., R. 22 E.			23,040	
T. 3 S., R. 23 E.			23,040	
T. 4 S., R. 19 E. (N. $\frac{1}{2}$ )			11,520	
T. 4 S., R. 20 E.			23,040	
T. 4 S., R. 22 E.	5,195	760	17,080	
T. 4 S., R. 23 E.			23,040	
T. 5 S., R. 23 E.	9,080	920	13,040	
T. 5 S., R. 24 E. (W. $\frac{1}{2}$ )			11,520	
T. 6 S., R. 23 E.	970	300	20,930	
T. 6 S., R. 24 E.	850		21,395	
T. 6 S., R. 25 E. (S. $\frac{1}{2}$ )	40		11,455	
T. 7 S., R. 5 E.	1,280	160	21,600	
T. 7 S., R. 24 E. (N. $\frac{1}{2}$ )			11,520	
T. 7 S., R. 25 E. (N. $\frac{1}{2}$ )			11,520	
T. 15 S., R. 2 E.	4,600	280	18,160	
T. 15 S., R. 3 E.	21,800	200	1,040	
T. 16 S., R. 2 E.	8,665	3,195	11,180	
T. 16 S., R. 3 E.	18,955	520	3,460	
T. 18 S., R. 2 E.	14,460	120	8,825	
T. 18 S., R. 3 E.	4,680	80	18,480	
T. 19 S., R. 2 E.	11,440	360	11,240	
T. 20 S., R. 9 E.			23,040	
T. 22 S., R. 6 E.	11,600	900	10,480	
T. 22 S., R. 7 E.			23,040	
T. 23 S., R. 6 E.	2,880	40	20,120	
T. 23 S., R. 7 E.			23,040	
T. 27 S., R. 9 E.			23,040	
T. 27 S., R. 10 E.			23,040	
T. 27 S., R. 11 E.			23,040	
T. 28 S., R. 9 E.	2,480	40	20,520	
T. 28 S., R. 10 E.	3,920	210	18,880	
T. 28 S., R. 11 E.	3,640		19,400	
T. 29 S., R. 9 E.	1,280		21,760	
T. 29 S., R. 10 E.	2,560		21,080	
T. 29 S., R. 11 E.	2,530		21,080	
T. 30 S., R. 10 E.			23,040	
T. 30 S., R. 11 E.	1,280		21,760	
T. 30 S., R. 12 E.			23,040	
T. 31 S., R. 10 E.			23,040	
T. 31 S., R. 11 E.			23,040	
T. 31 S., R. 12 E.			23,040	
T. 32 S., R. 10 E.			23,040	
T. 32 S., R. 11 E.			23,040	
T. 32 S., R. 12 E.			23,040	
T. 33 S., R. 10 E.			23,040	
T. 33 S., R. 11 E.			23,040	
T. 33 S., R. 12 E.			23,040	
T. 34 S., R. 1 W.			23,040	
T. 34 S., R. 2 W.	2,440	760	19,840	
T. 34 S., R. 3 W.	2,240		20,800	
T. 34 S., R. 10 E.			23,040	
T. 34 S., R. 11 E.			23,040	
T. 34 S., R. 12 E.			23,040	
T. 35 S., R. 1 W.			23,040	
T. 35 S., R. 2 W.		240	22,800	
T. 35 S., R. 3 W.	2,120	160	20,760	
T. 35 S., R. 4 W.	2,680		20,360	
T. 35 S., R. 4 $\frac{1}{2}$ W.			20,040	
T. 35 S., R. 1 E.	1,040	80	21,920	
T. 35 S., R. 2 E.	2,800	240	20,000	
T. 35 S., R. 3 E.	4,840	160	18,040	
T. 35 S., R. 23 E.			23,040	
T. 36 S., R. 1 W.			23,040	
T. 36 S., R. 2 W.	960	470	21,570	
T. 36 S., R. 3 W.	2,640	480	19,920	
T. 36 S., R. 4 W.	3,000		20,040	
T. 36 S., R. 4 $\frac{1}{2}$ W.			23,040	

*List of lands probably containing workable coal beds—Continued.*

## SALT LAKE MERIDIAN—Continued.

[Acres.]

Description.	Area patented.	Area embraced in entries not patented.	Area vacant.	Indian reservation.
T. 36 S., R. 5 W.	4,820	360	17,820	
T. 36 S., R. 6 W.	2,790		20,130	
T. 36 S., R. 7 W.	6,760	565	15,720	
T. 36 S., R. 8 W.	4,880	520	20,580	
T. 36 S., R. 1 E.	420	400	22,220	
T. 36 S., R. 2 E.			23,040	
T. 36 S., R. 3 E.			23,040	
T. 36 S., R. 4 E.			23,040	
T. 36 S., R. 22 E.			23,040	
T. 36 S., R. 23 E.			23,040	
T. 37 S., R. 3 W.			23,040	
T. 37 S., R. 4 W.			23,040	
T. 37 S., R. 4½ W.			23,040	
T. 37 S., R. 5 W.	2,910	40	20,070	
T. 37 S., R. 6 W.	5,960	200	16,880	
T. 37 S., R. 7 W.	3,375	320	19,185	
T. 37 S., R. 8 W.			23,040	
T. 37 S., R. 2 E.			23,040	
T. 37 S., R. 3 E.			23,040	
T. 37 S., R. 4 E.			23,040	
T. 37 S., R. 5 E.			23,040	
T. 37 S., R. 6 W.			23,040	
T. 38 S., R. 3 E.			23,040	
T. 38 S., R. 4 E.			23,040	
T. 38 S., R. 5 E.			23,040	
T. 38 S., R. 6 E.			23,040	
T. 38 S., R. 7 E.			23,040	
T. 39 S., R. 5 E.			23,040	
T. 39 S., R. 6 E.			23,040	
T. 39 S., R. 7 E.			23,000	
T. 39 S., R. 8 E.			23,040	
T. 40 S., R. 6 E.			23,040	
T. 40 S., R. 7 E.			23,040	
T. 40 S., R. 8 E.			23,040	
T. 40 S., R. 5 W.	1,920		21,120	
T. 40 S., R. 6 W.	2,360	480	20,200	
T. 41 S., R. 1 E.			23,040	
T. 41 S., R. 1 W.	920	40	22,080	
T. 41 S., R. 22 E.			23,040	
T. 41 S., R. 23 E.			23,040	
T. 41 S., R. 5 W.	1,280		21,760	
T. 41 S., R. 6 W.	720		22,320	
T. 41 S., R. 7 W.	1,795		21,225	
T. 42 S., R. 1 E.	1,280		21,760	
T. 42 S., R. 1 W.	1,920		21,120	
T. 43 S., R. 1 E.	1,920		21,120	
T. 43 S., R. 1 W.	960		22,080	
Total.....	272,600	14,885	2,405,410	



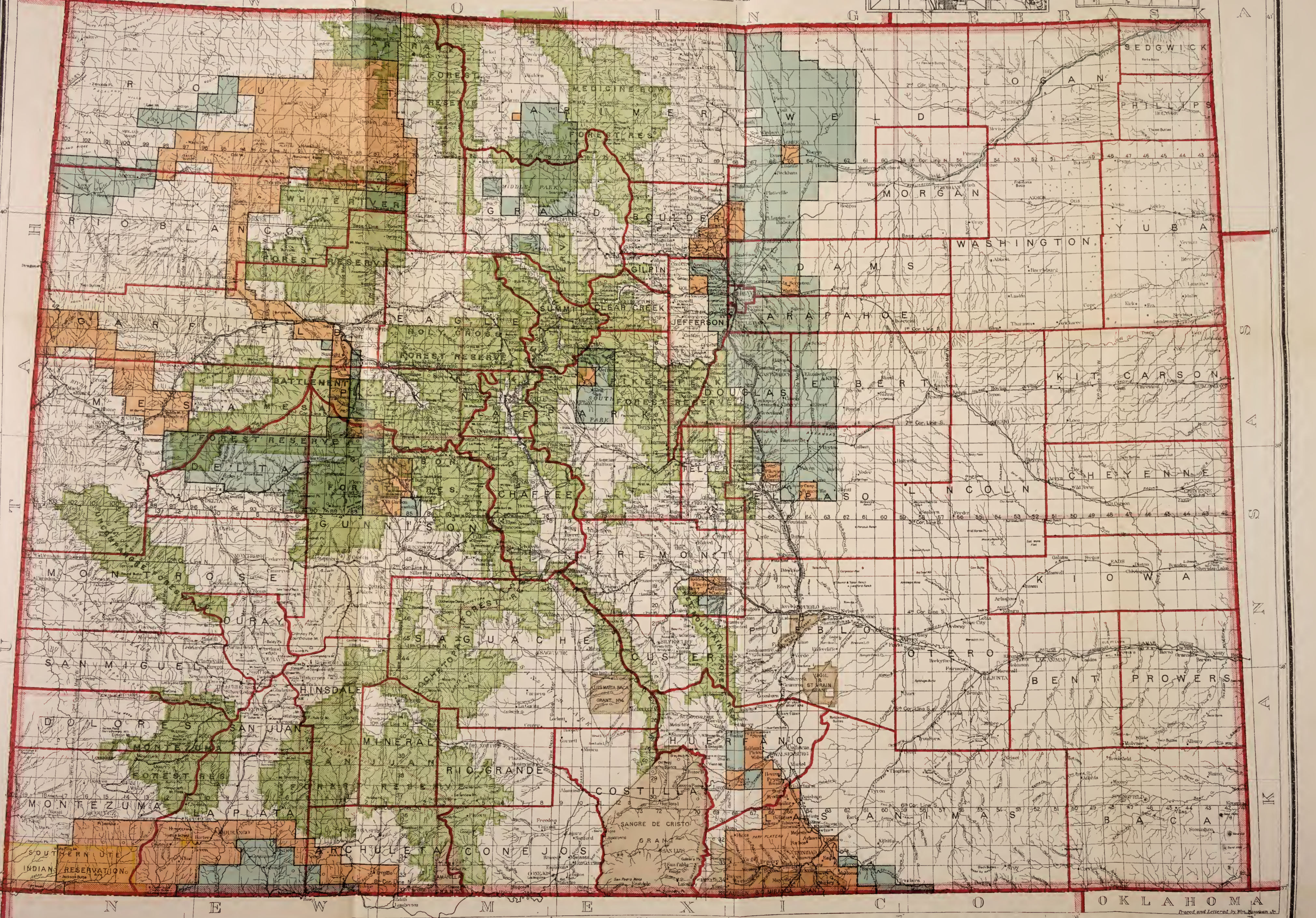
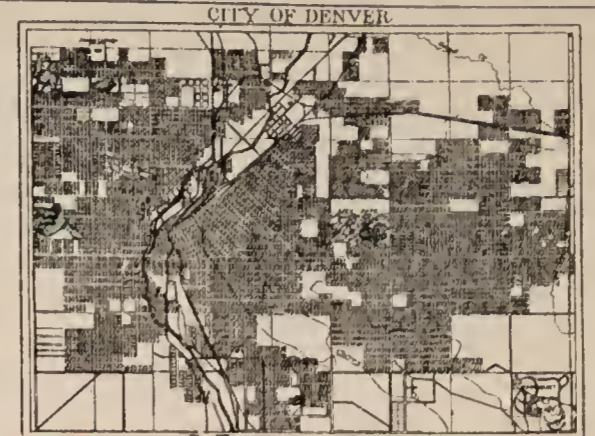
- LEGEND**
- U S Surveyor General's Office
  - U S Land Offices
  - Indian Reservations
  - Military
  - Forest
  - Private Claims
  - County Boundaries
  - Land District Boundaries
  - Townships not Subdivided

Prepared by  
*Wm. P. Caspell*  
Geologist in charge,  
Economic Geology of Fuels.

DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
WILLIAM A. RICHARDS, COMMISSIONER.

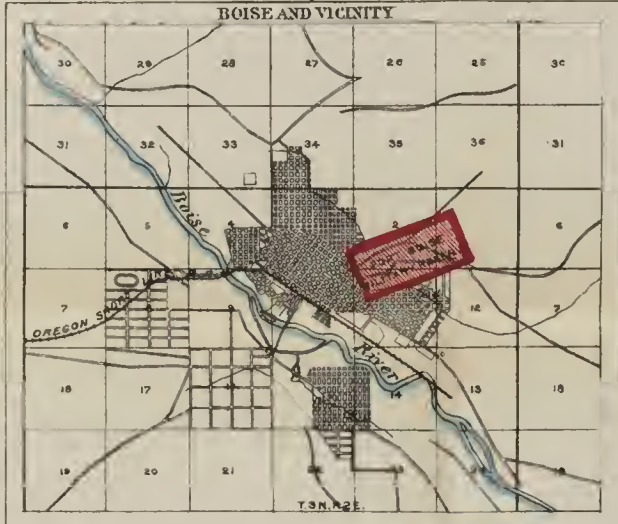
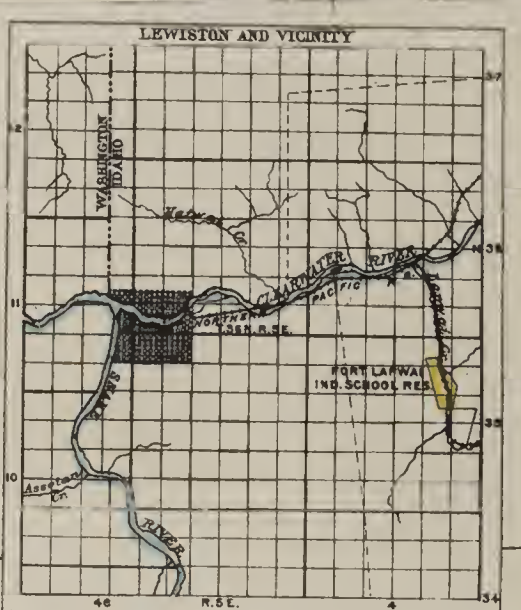
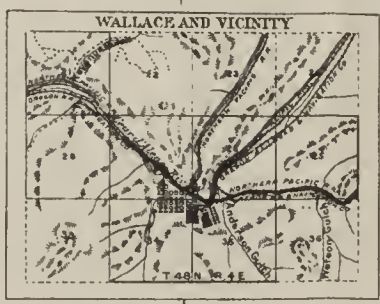
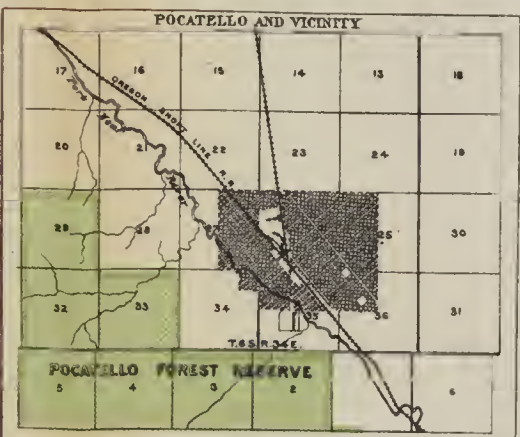
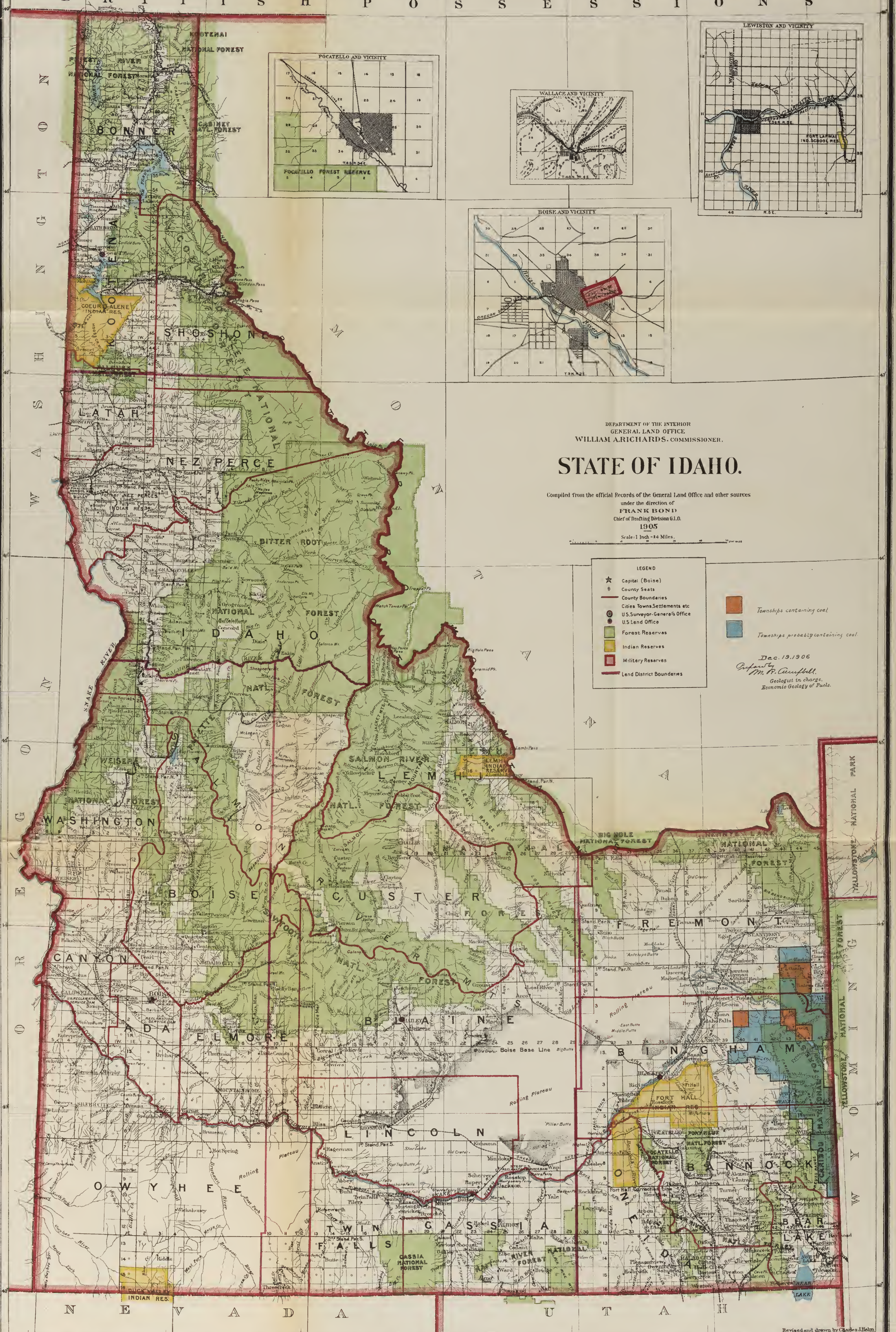
# STATE OF COLORADO.

Compiled from the official Records of the General Land Office and other sources  
under the direction of  
**FRANK HOND**  
Chief of Drafting Division G.L.O.  
1905  
Dec 19, 1906. Scale 1 Inch = 24 Miles.









DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
WILLIAM A. RICHARDS, COMMISSIONER.

# STATE OF IDAHO.

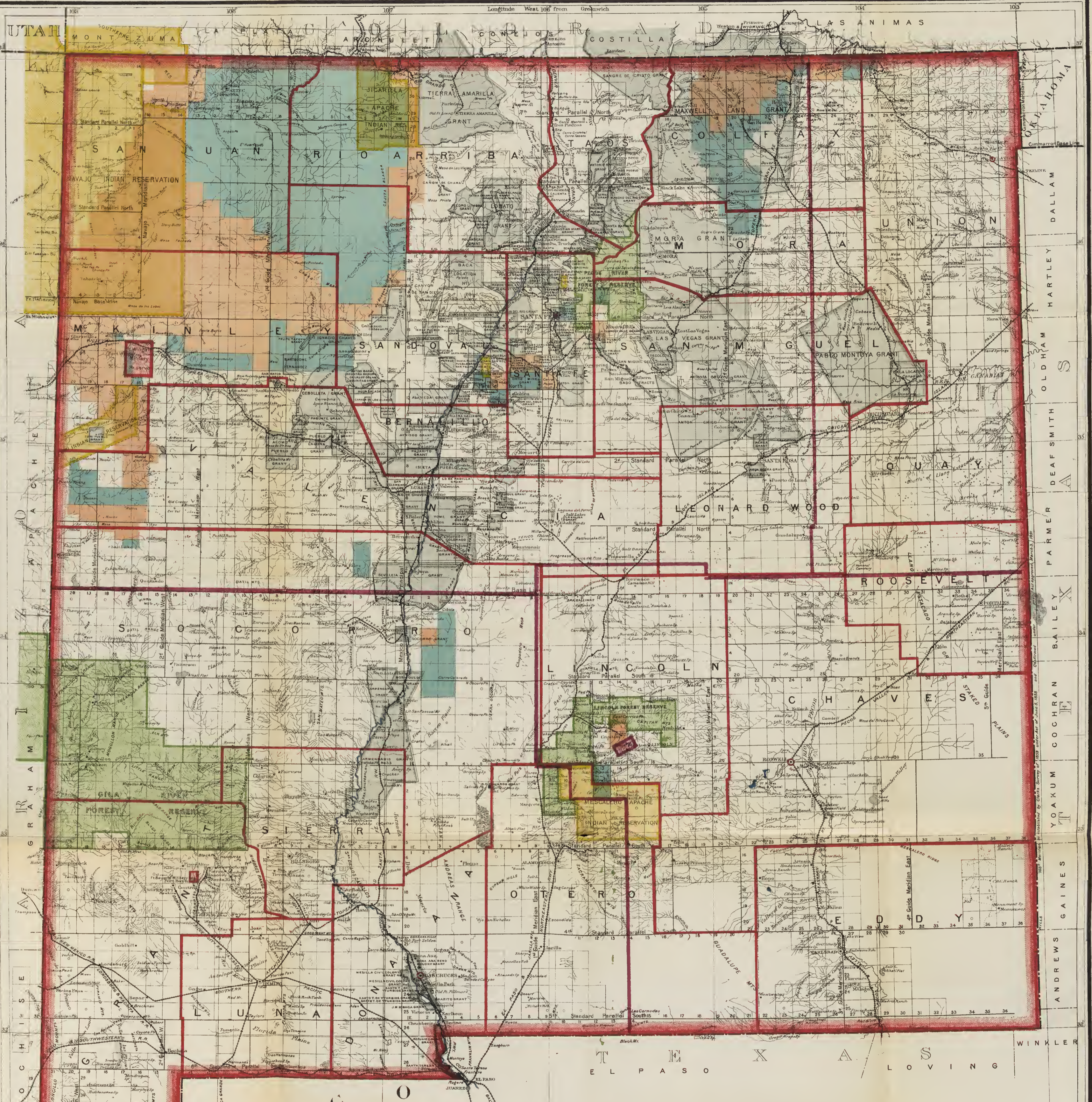
Compiled from the official records of the General Land Office and other sources  
under the direction of  
**FRANK BOND**  
Chief of Drafting Division G.L.O.  
1905  
Scale: 1 Inch = 14 Miles.

- LEGEND**
- ★ Capital (Boise)
  - ⊙ County Seats
  - County Boundaries
  - ⊙ Cities, Towns, Settlements, etc.
  - ⊙ U.S. Surveyor-General's Office
  - ⊙ U.S. Land Office
  - Forest Reserves
  - Indian Reserves
  - Military Reserves
  - Land District Boundaries

- Townships containing coal
- Townships probably containing coal

Dec. 19, 1906  
Prepared by  
*M. P. Caspary*  
Geologist in charge,  
Economic Geology of Fuels.





**LEGEND**

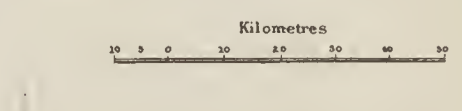
- ☆ Capital (Santa Fe)
- County Seats
- County Boundaries
- County Boundaries
- Cities, Towns, Settlements etc.
- U.S. Surveyor-General's Office (Santa Fe)
- U.S. Land Offices (Las Cruces, Roswell)
- Land District Boundaries
- Townships not subdivided into sections
- Forest Reserves
- Indian Reserves
- Military Reserves
- Private Land Grants

DEPARTMENT OF THE INTERIOR  
 GENERAL LAND OFFICE  
 WILLIAM A. RICHARDS, COMMISSIONER.

# TERRITORY OF NEW MEXICO

Compiled from the official Records of the General Land Office and other sources  
 under the direction of  
**FRANK BOND**  
 Chief of Drafting Division G.L.O.  
 1903

Scale: 1 Inch = 24 Miles.



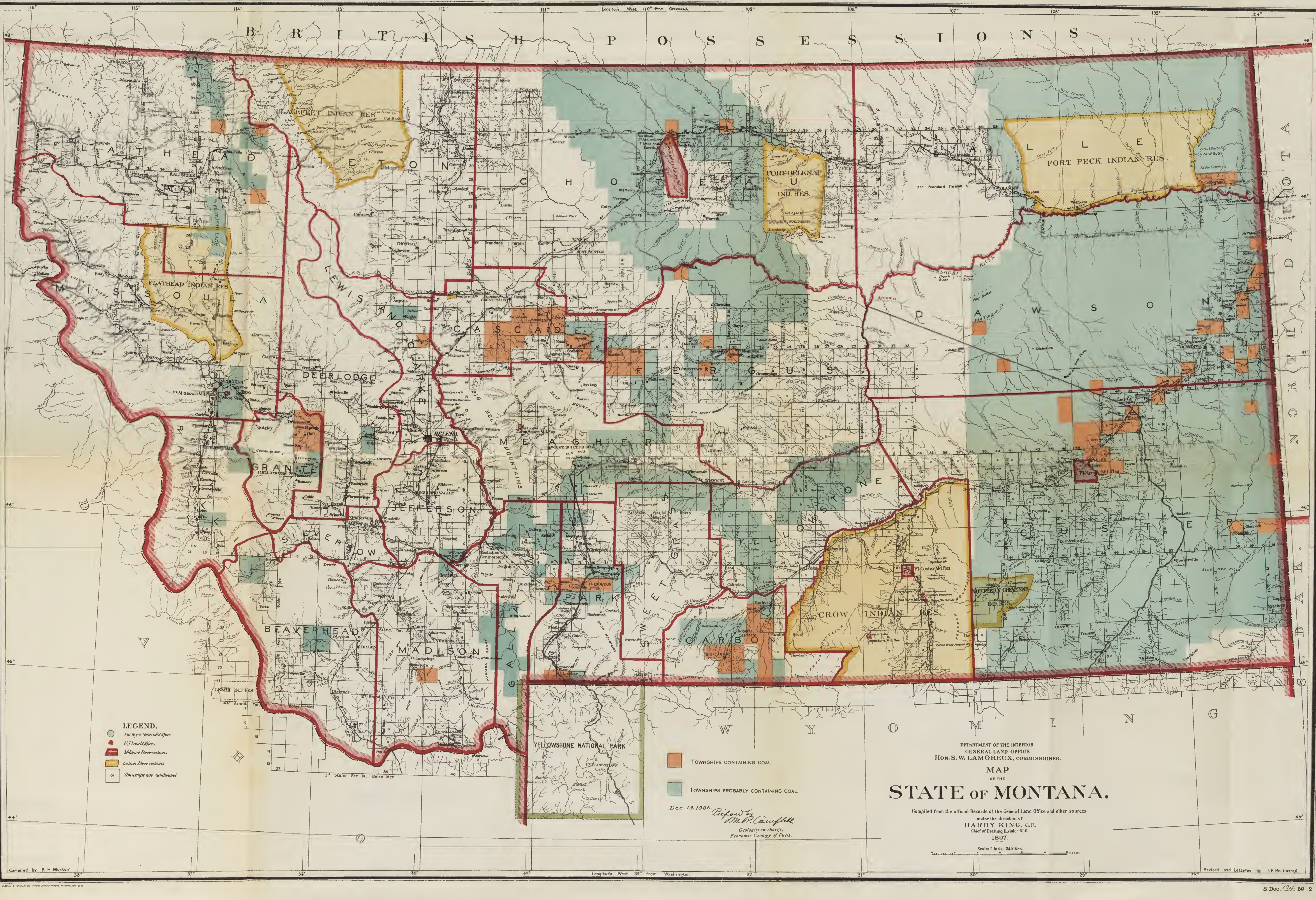
Revised by  
*W.M.P. Campbell*  
 Geologist in charge,  
 Economic Geology of Fuels.

Revised and Traced by Charles J. Heim

Dec. 19, 1905.

Longitude West 20° from Washington





**LEGEND.**  
 ● Surveyor General's Office  
 ● U.S. Land Offices  
 ■ Military Reservations  
 ■ Indian Reservations  
 ○ Townships not subdivided

■ TOWNSHIPS CONTAINING COAL  
 ■ TOWNSHIPS PROBABLY CONTAINING COAL

DEPARTMENT OF THE INTERIOR  
 GENERAL LAND OFFICE  
 HON. S. W. LAMOREUX, COMMISSIONER.  
**MAP OF THE STATE OF MONTANA.**

Compiled from the official Records of the General Land Office and other sources  
 under the direction of  
**HARRY KING, C.E.**  
 Chief of Drafting Division G.L.O.  
 1897.

Scale: 1 Inch = 24 Miles.

Dec. 19, 1896  
*Revised by*  
**M. P. Campbell**  
 Geologist in charge,  
 Economic Geology of Fuels.



DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
WILLIAM A. RICHARDS COMMISSIONER

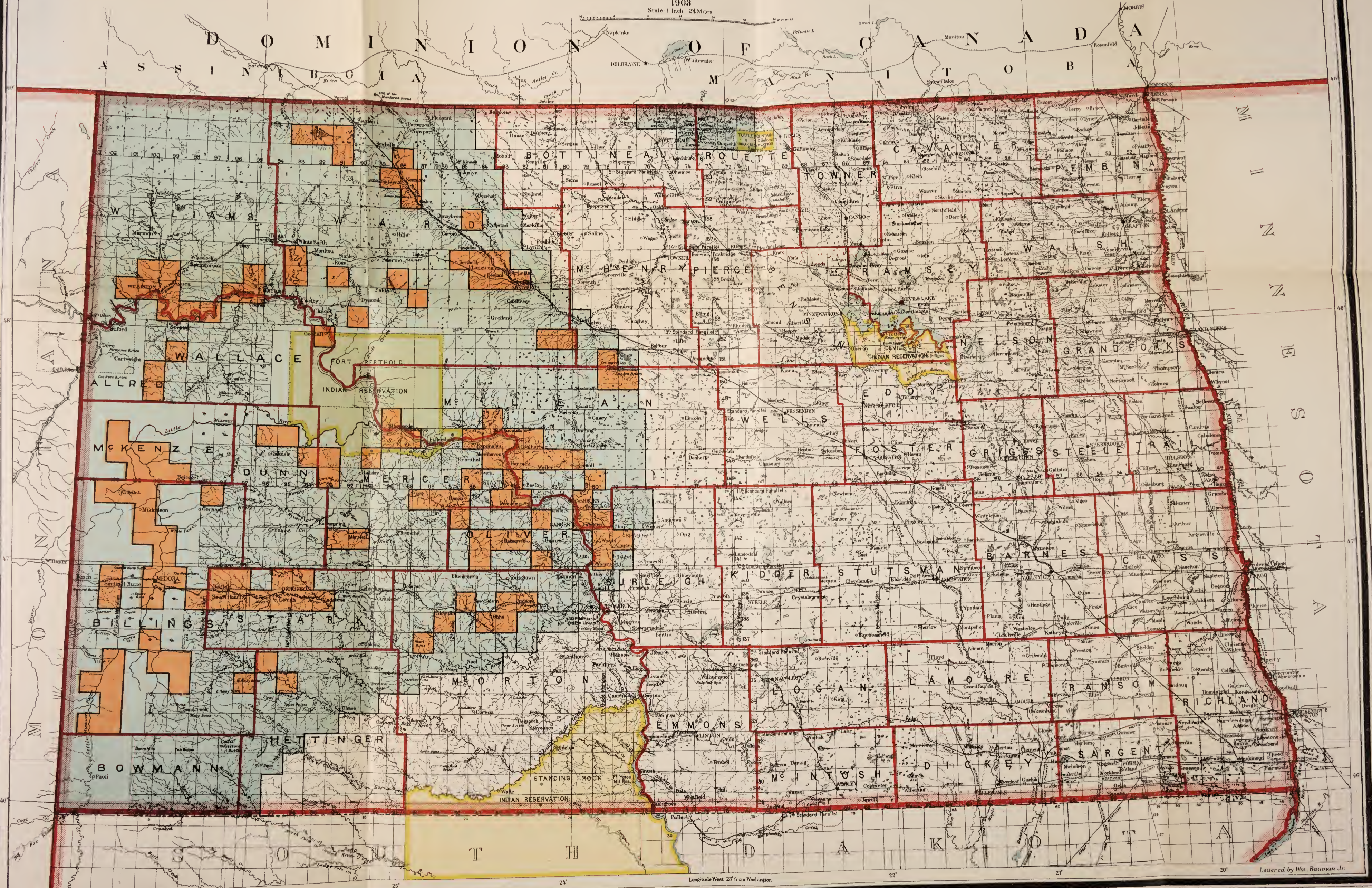
# MAP OF THE STATE OF NORTH DAKOTA

Compiled from the official Records of the General Land Office and other sources  
under the direction of  
**FRANK BOND**  
Chief of Drafting Division G.L.O.

1903

Scale 1 Inch = 24 Miles

- LEGEND**
- U.S. Surveyor General's Office
  - U.S. Land Offices
  - County Seats
  - Indian Reservations
  - Townships not Subdivided
  - Roads and Trails
  - Sand Hills
  - Flats and Marshes
  - Dry Lake Beds
  - Creek



27 Compiled and Drawn by M. Hedges

Prepared by  
*M. P. Campbell*  
Geologist in charge,  
Economic Geology of Fuels.

- Townships containing coal (lignite)
- Townships probably containing coal (lignite)

Dec. 13, 1906.  
S. Doc. 194-59 2

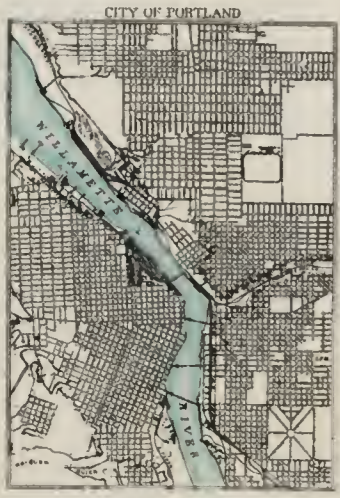




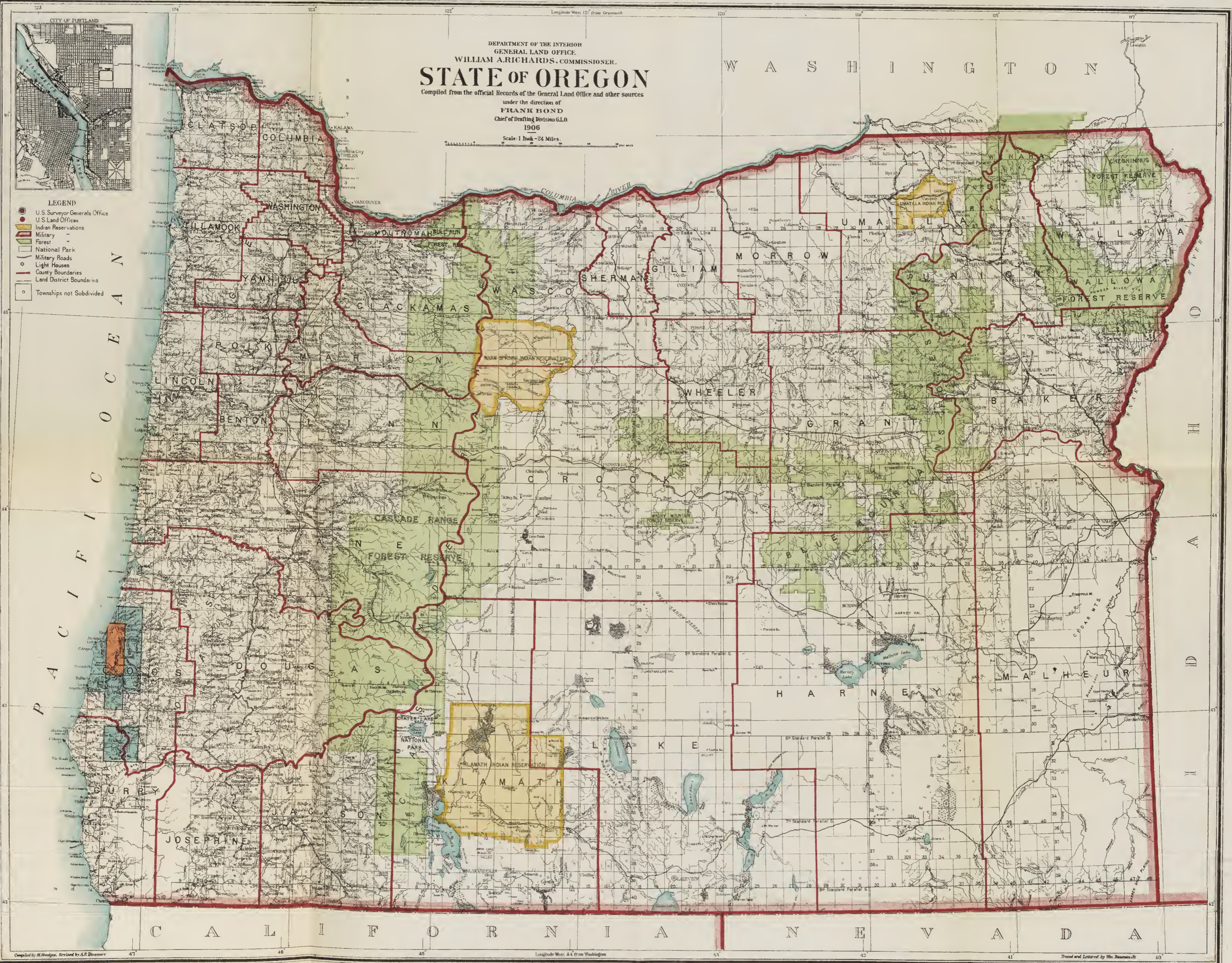
DEPARTMENT OF THE INTERIOR  
 GENERAL LAND OFFICE  
 WILLIAM A. RICHARDS, COMMISSIONER.  
**STATE OF OREGON**

Compiled from the official Records of the General Land Office and other sources  
 under the direction of  
**FRANK BOND**  
 Chief of Drafting Division G.L.O.  
 1906

Scale 1 Inch = 24 Miles.



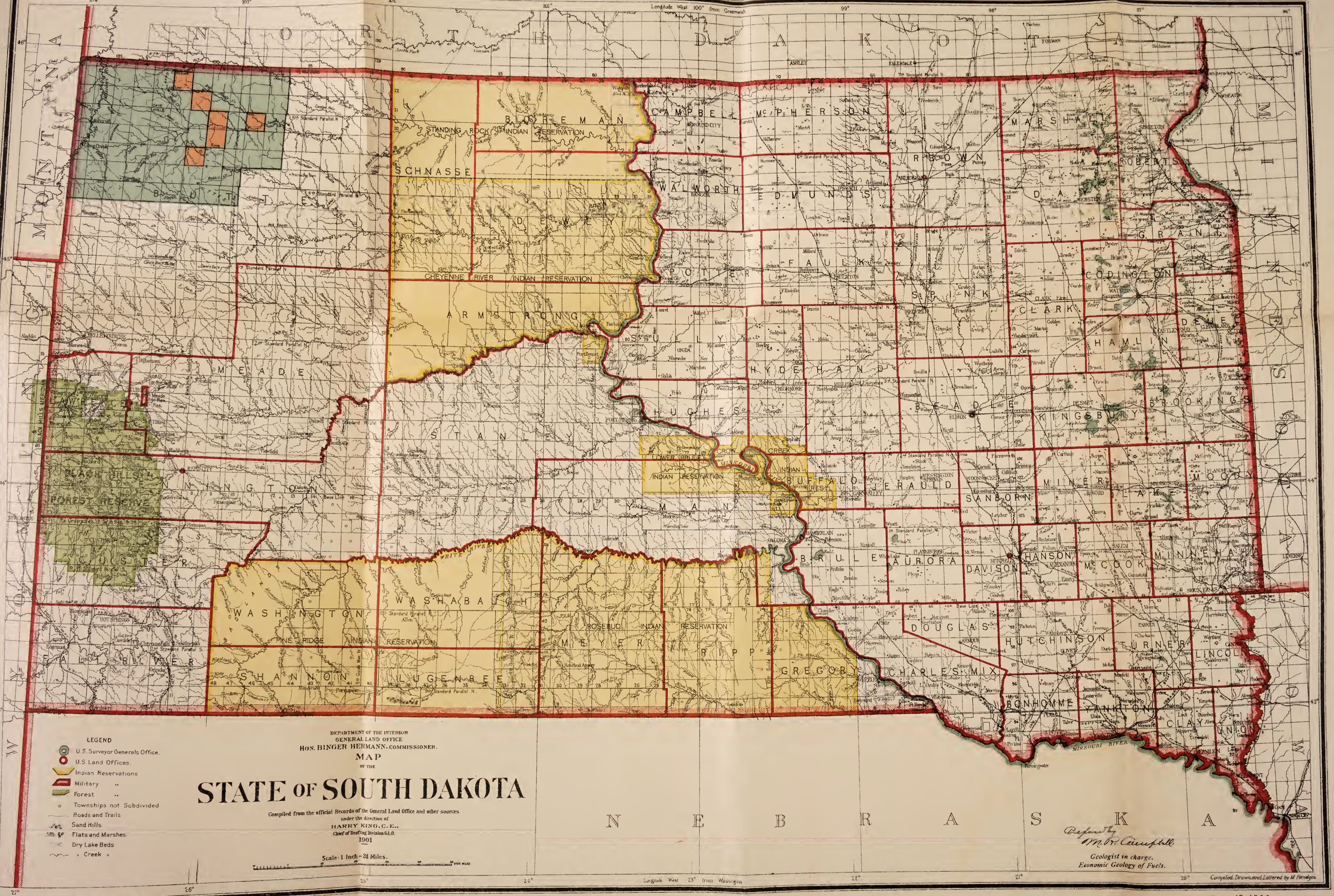
- LEGEND**
- U.S. Surveyors Office
  - U.S. Land Offices
  - Indian Reservations
  - Military
  - Forest
  - National Park
  - Military Roads
  - Light Houses
  - County Boundaries
  - Land District Boundaries
  - Townships not Subdivided



Longitude West 121° from Greenwich 120° 119° 118° 117°  
 Longitude West 121° from Greenwich 120° 119° 118° 117°  
 Longitude West 121° from Greenwich 120° 119° 118° 117°  
 Longitude West 121° from Greenwich 120° 119° 118° 117°

Compiled by M. Hodges, Revised by A.P. Dinwiddie  
 Dec 13, 1906  
 Prepared by  
**M. P. Campbell**  
 Geologist in charge,  
 Economic Geology of Fuels.





- LEGEND**
- U. S. Surveyor Generals Office.
  - U. S. Land Offices.
  - Indian Reservations
  - Military
  - Forest
  - Townships not Subdivided
  - Roads and Trails
  - Sand Hills
  - Flats and Marshes.
  - Dry Lake Beds
  - Creek

DEPARTMENT OF THE INTERIOR  
 GENERAL LAND OFFICE  
 HON. BINGER HERMANN, COMMISSIONER.  
 MAP  
 OF THE

# STATE OF SOUTH DAKOTA

Compiled from the official records of the General Land Office and other sources  
 under the direction of  
 HARRY KING, G. E.,  
 Chief of Drafting Division G.L.O.  
 1901

Scale: 1 Inch = 24 Miles.

Prepared by  
*H. W. Campbell*  
 Geologist in charge.  
 Economic Geology of Fuels.

Compiled, Drawn and Lettered by M. Hendry

Dec. 19, 1906.



DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
HON. BINGER HERMANN, COMMISSIONER.

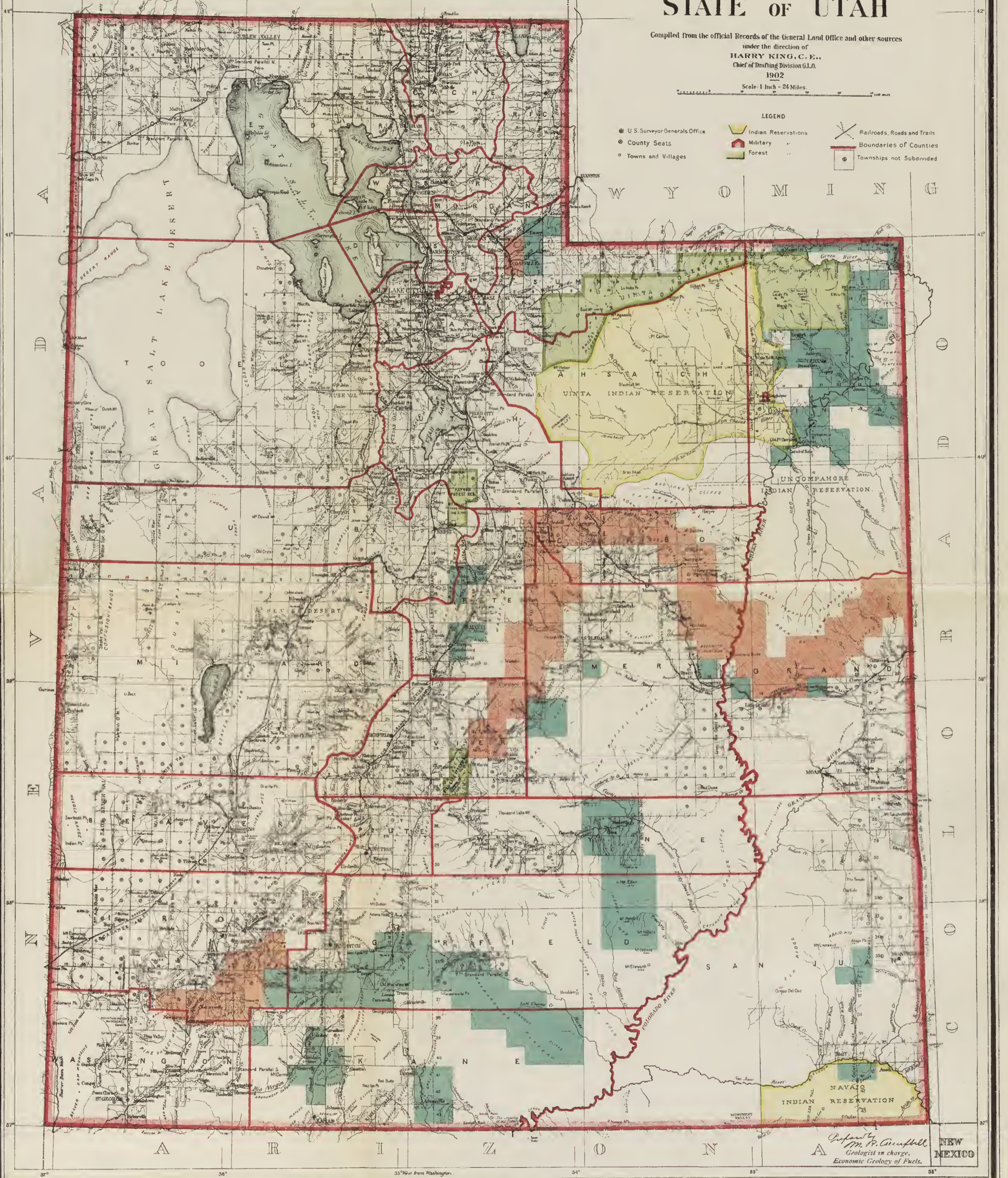
MAP  
OF THE  
**STATE OF UTAH**

Compiled from the official Records of the General Land Office and other sources  
under the direction of  
**HARRY KING, C. E.,**  
Chief of Drafting Division G.L.O.  
1902

Scale: 1 Inch = 24 Miles.

LEGEND

- U.S. Surveyor Generals Office
- County Seats
- Towns and Villages
- Indian Reservations
- Military
- Forest
- Railroads, Roads and Trails
- Boundaries of Counties
- Townships not Subdivided

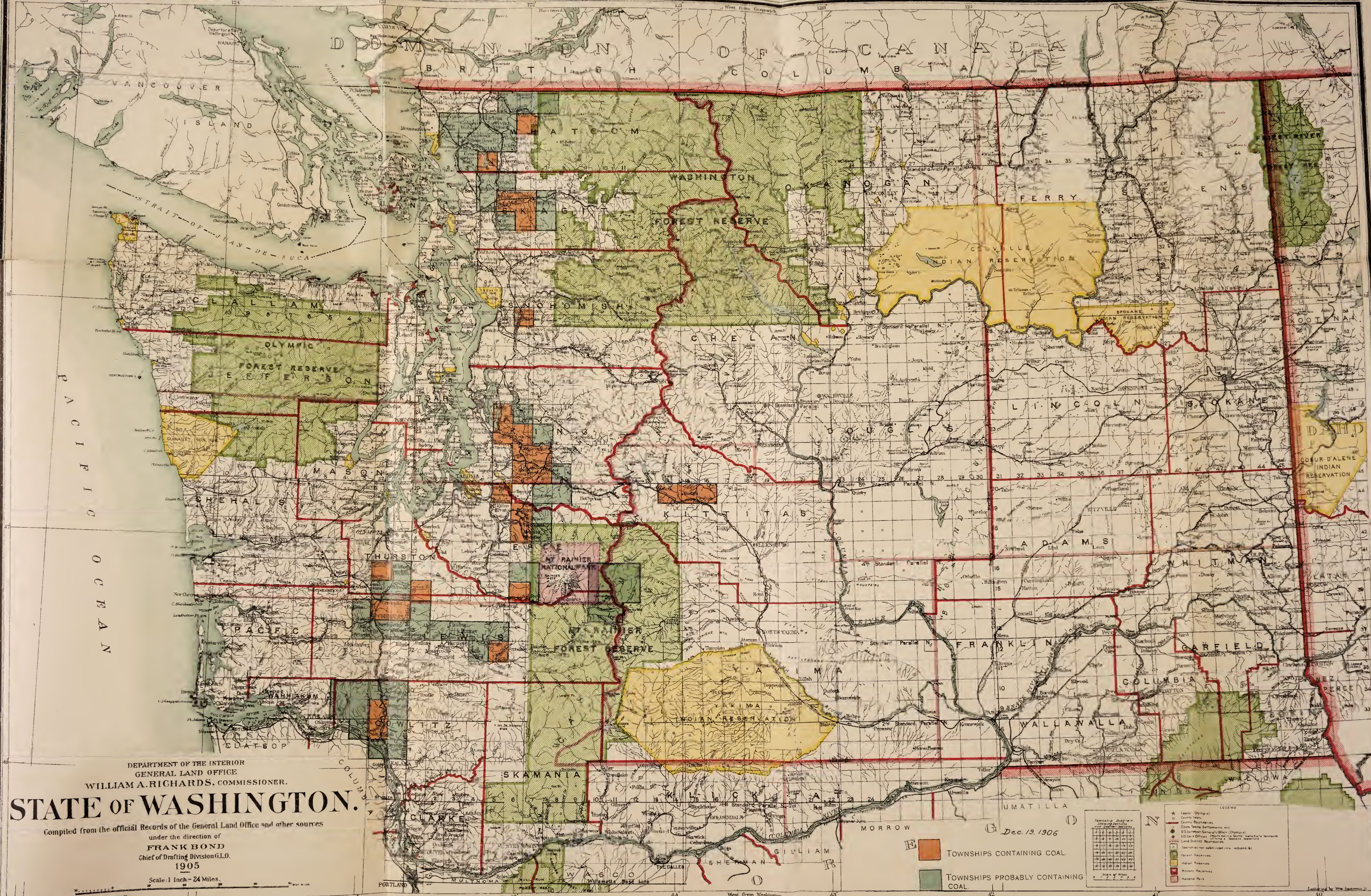


Report by  
*M. P. Campbell,*  
Geologist in charge,  
Economic Geology of Fuels.

NEW MEXICO

- TOWNSHIPS CONTAINING COAL
- TOWNSHIPS PROBABLY CONTAINING COAL





DEPARTMENT OF THE INTERIOR  
 GENERAL LAND OFFICE  
 WILLIAM A. RICHARDS, COMMISSIONER.

# STATE OF WASHINGTON.

Compiled from the official Records of the General Land Office and other sources  
 under the direction of  
**FRANK BOND**  
 Chief of Drafting Division G.L.O.  
 1905

Scale: 1 Inch = 24 Miles.

Dec. 19, 1906

**TOWNSHIPS CONTAINING COAL.**  
**TOWNSHIPS PROBABLY CONTAINING COAL.**

**LEGEND**

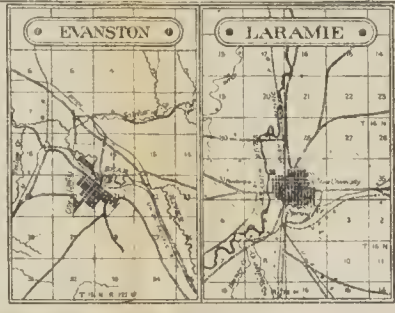
- ★ Capital (Olympia)
- County Seat
- County Boundaries
- Coast Range Settlements, etc.
- U.S. Survey Corner or Office (Olympia)
- U.S. Survey Office (South Fork Snake River, etc.)
- Land District Boundaries
- Township not subdivided into sections
- Forest Reserves
- Indian Reservations
- Military Reserves
- National Parks

Prepared by  
*W. R. Campbell*  
 Geologist in charge.  
 Economic Geology of Fuels.

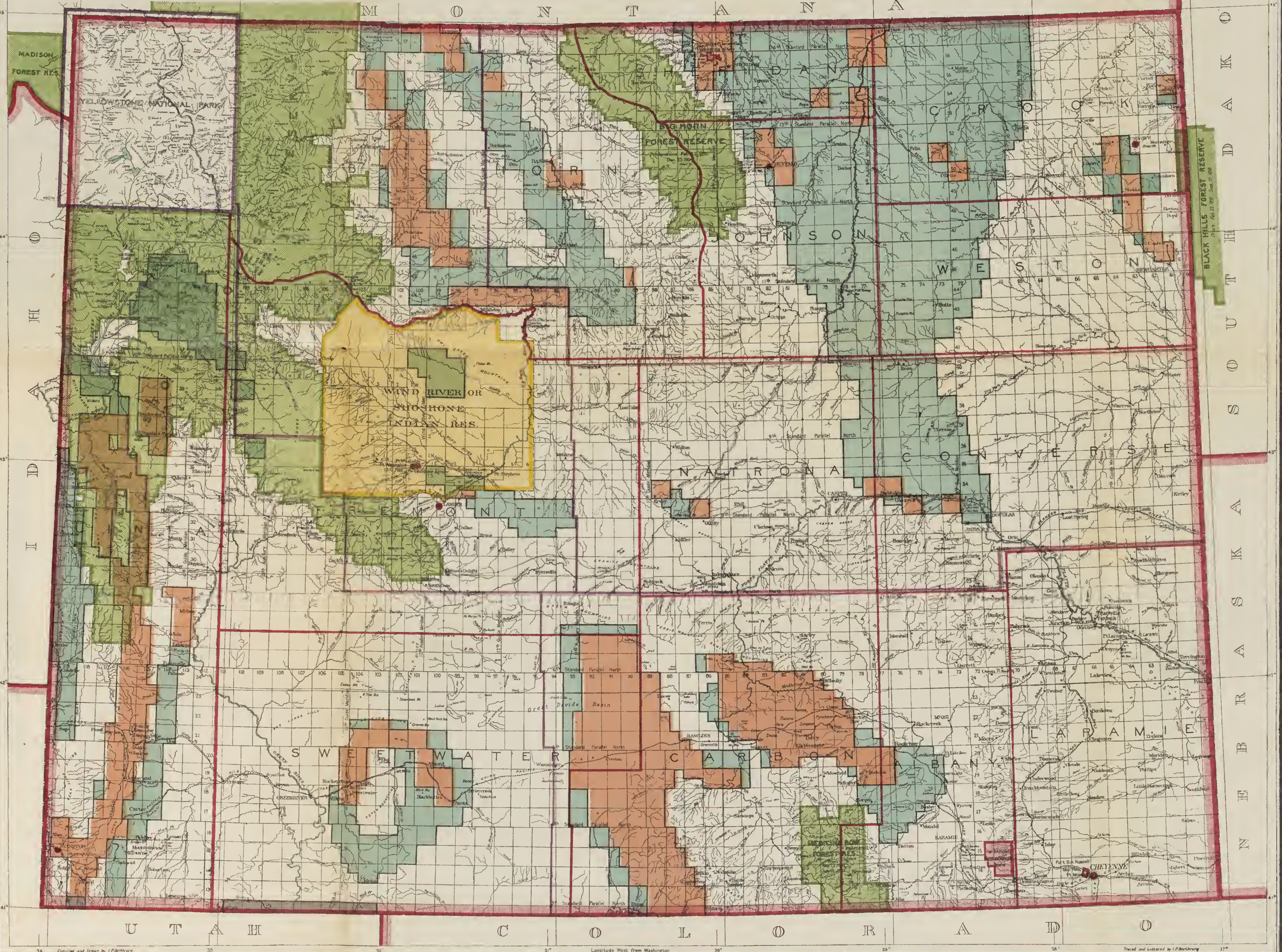
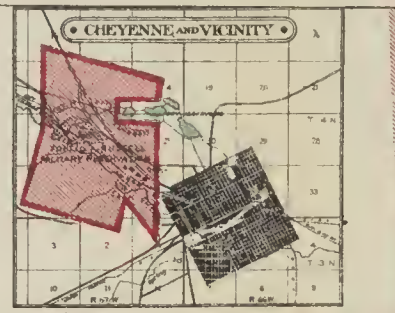
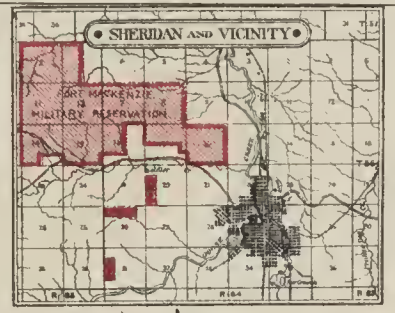




**LEGEND**  
 U.S. Surveyors Office  
 U.S. Land Offices  
 Indian Reservations  
 Military  
 Forest  
 County Boundaries  
 Land District Boundaries  
 Townships not Subdivided



DEPARTMENT OF THE INTERIOR  
 GENERAL LAND OFFICE  
**WILLIAM A. RICHARDS, COMMISSIONER.**  
**STATE OF WYOMING.**  
 Compiled from the official Records of the General Land Office and other sources  
 under the direction of  
**FRANK BOND**  
 Chief of Drafting Division G.L.O.  
 1905  
 Scale: 1 Inch = 24 Miles



34 Longitude West from Washington 35 36 37 38 39 40 41 42 43 44 45  
 U T A H I D S O U T H S I K A S I R A M I E N Z  
 U T A H I D S O U T H S I K A S I R A M I E N Z

ANDREW S. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

Prepared by  
*M. P. Campbell*  
 Geologist in charge,  
 Economic Geology of Fuels.  
 Townships containing coal.  
 Townships probably containing coal.  
 Dec. 13, 1906.  
 S Dec 1906 59 2



# MAP OF ALASKA

Compiled under the direction of H. G. Goode, Geographer,  
by E. C. Barnard and others.  
1903

Approximately 80 miles to 1 inch.

Scale in miles and kilometers

Contour interval 1000 feet.

Datum is mean sea level  
1904

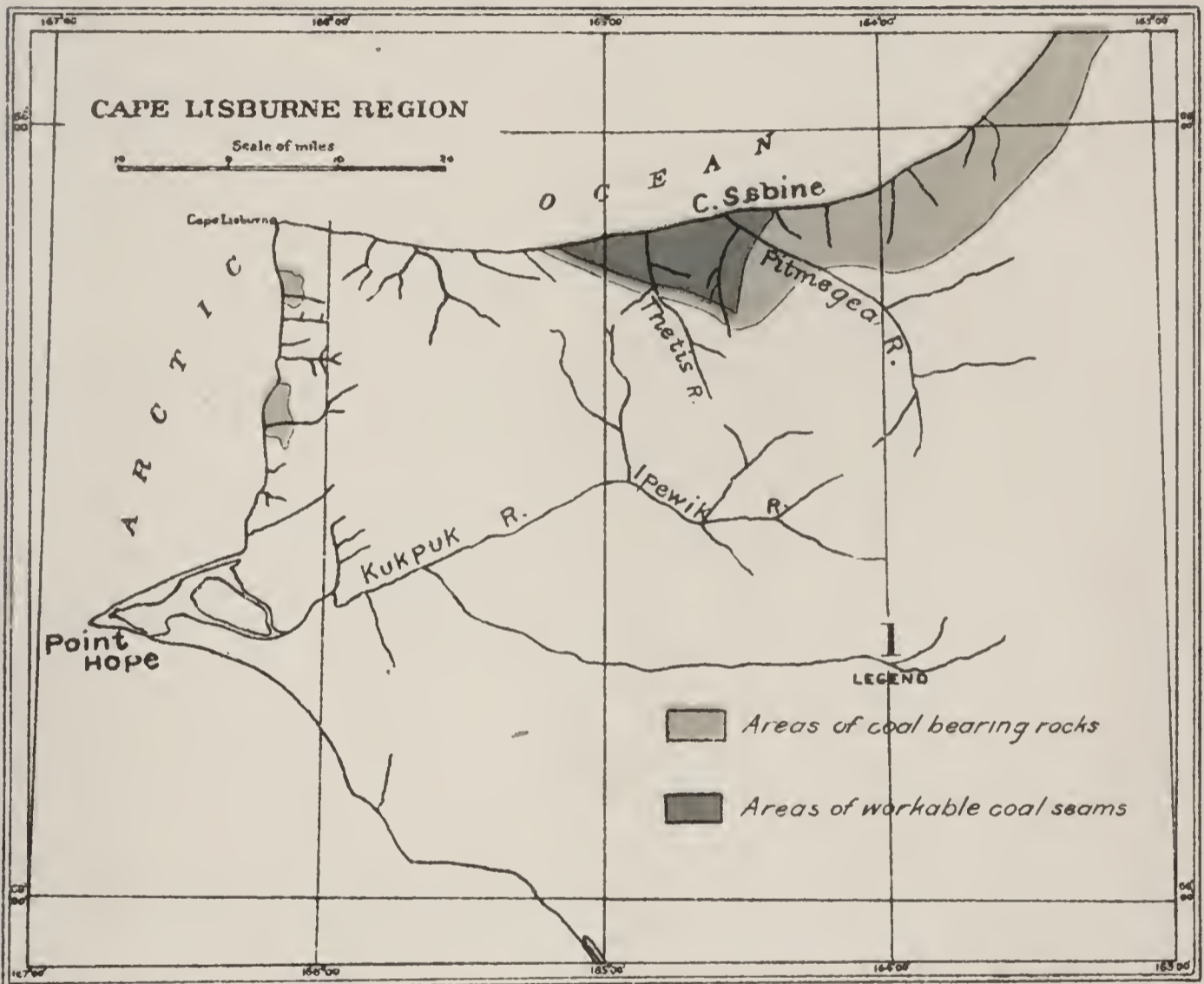
- LEGEND**
- Areas of coal bearing rocks (So far as known)
  - Areas of workable coal seams (So far as known)
  - Large scale maps



Note: The shaded areas in this map are those which have been mapped by the Geological Survey and as such the map of Alaska within the shaded area is generally based on the maps of the Coast and Geodetic Survey in southeastern Alaska and along the coast have been extensively utilized. Other sources of information have been from the maps of the Army for the Bering Sea, the British Government's maps of the coast of Alaska, covering to the present position of the map have not been surveyed, and the topographic features shown in these localities are based upon such general information as could be gathered.





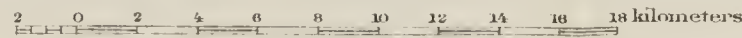


A.B. GRAHAM CC LITH WASH DC.

S Doc 194 59 2



RECONNAISSANCE MAP  
 OF  
 NORTHEASTERN PORTION  
 OF  
 SEWARD PENINSULA  
 ALASKA

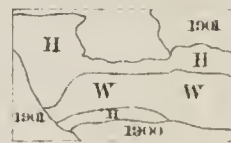
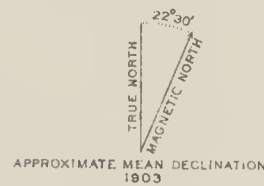


Contour interval 200 feet

Datum is mean sea level

Alfred H. Brooks, Geologist in charge  
 D. C. Witherspoon, Topographer  
 C. E. Hill, Field Assistant

Additional areas from surveys made  
 in 1900 and 1901 by U.S. Geological Survey  
 Surveyed in 1903



LEGEND.

- AREAS OF COAL BEARING ROCKS.
- AREAS OF WORKABLE COAL SEAMS.

40'

20'

163°

40'

20'

162°





TOPOGRAPHIC RECONNAISSANCE MAP

NORTHERN ALASKA

along the 152nd meridian from the 66th parallel to the Arctic Coast by way of Koyukuk, John, Anaktuvuk, and Colville rivers  
WILLIAM J. PETERS, Topographer in charge  
Additional information compiled from maps of U.S. Geological Survey, U.S. Army, U.S. Navy, and British Navy surveys

Scale: 1:250,000



Contour interval 200 feet

Datum is mean sea level

Probable drainage not surveyed

Dates refer to camps

1901

LEGEND

Areas of coal bearing rocks (So far as known)

3

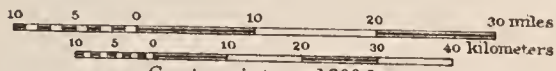




# RECONNAISSANCE MAP OF MT. MC KINLEY REGION, ALASKA

Alfred H. Brooks, Geologist in charge.  
Topography by D. L. Reaburn.  
Surveyed in 1902.

Additional information compiled from  
surveys by U.S. Geo. Survey and U.S. Army



Contour interval 200 feet.  
Datum to mean sea level.

Probable drainage not surveyed.  
Dates indicate camps.

1904

**4**  
**LEGEND**

- Areas of coal bearing rocks  
(So far as known)
- Areas of workable coal seams  
(So far as known)

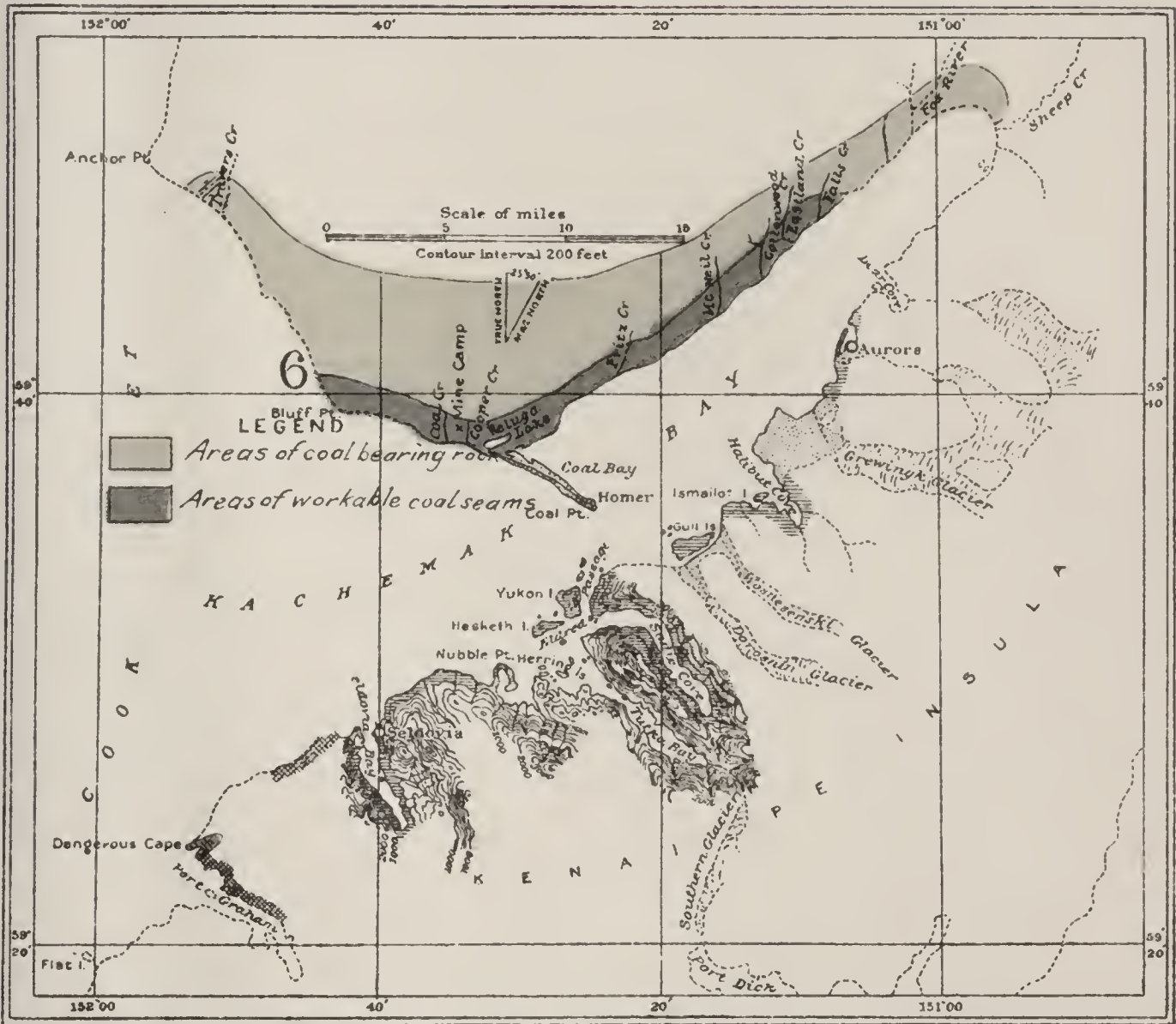






THE MATANUSKA COAL FIELDS











D

559



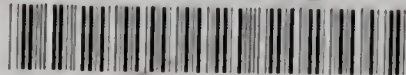








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